



BID

FOR THE APPOINTMENT OF A PANEL OF CONTRACTORS FOR EMERGENCY MAINTENANCE WORK ON MEGA PROPERTIES AND INFRASTRUCTURE WITHIN EHLANZENI, GERT SIBANDE AND NKANGALA DISTRICTS, MPUMALANGA PROVINCE AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS

Issued by:

MPUMALANGA ECONOMIC GROWTH AGENCY (MEGA)
SUPPLY CHAIN MANAGEMENT UNIT
MEGA OFFICE PARK
02 EASTERN BOULEVARD
RIVERSIDE, MBOMBELA
1200

MEGA / 2026 / 10

CLOSING DATE: 27 MARCH 2026 AT 12:00 PM

NAME OF A BIDDER: _____

TOTAL PRICE (all inclusive): _____

THE FOLLOWING PARTICULARS MUST BE FURNISHED
(FAILURE TO DO SO MAY RESULT IN YOUR BID BEING DISQUALIFIED)

PART A
INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR THE BELOW MENTIONED TENDER OF MPUMALANGA ECONOMIC GROWTH AGENCY

BID NUMBER:	MEGA / 2026 / 10	CLOSING DATE:	27 MARCH 2026	CLOSING TIME:	12H00
-------------	-------------------------	---------------	----------------------	---------------	--------------

DESCRIPTION	THE FOR THE APPOINTMENT OF A PANEL OF CONTRACTORS FOR EMERGENCY MAINTENANCE WORK ON MEGA PROPERTIES AND INFRASTRUCTURE WITHIN EHLANZENI, GERT SIBANDE AND NKANGALA DISTRICTS, MPUMALANGA PROVINCE AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS
-------------	--

BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)

MBOMBELA, MEGA Office Park, 02 Eastern Boulevard, 1st floor, Supply chain management unit

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO	TECHNICAL ENQUIRIES MAY BE DIRECTED TO:
---	--

CONTACT PERSON	Mr. S Lekhuleni	CONTACT PERSON	Mr. B. Ngcane
TELEPHONE NUMBER	013 492 5818	TELEPHONE NUMBER	013 492 5818
FACSIMILE NUMBER		FACSIMILE NUMBER	
E-MAIL ADDRESS	sibusiso.lekhuleni@mega.gov.za	E-MAIL ADDRESS	bongane.ngcane@mega.gov.za

SUPPLIER INFORMATION

NAME OF BIDDER			
POSTAL ADDRESS			
STREET ADDRESS			
TELEPHONE NUMBER	CODE	NUMBER	
CELLPHONE NUMBER			
FACSIMILE NUMBER	CODE	NUMBER	
E-MAIL ADDRESS			
VAT REGISTRATION NUMBER			

FOR THE APPOINTMENT OF A PANEL OF CONTRACTORS FOR EMERGENCY MAINTENANCE WORK ON MEGA PROPERTIES AND INFRASTRUCTURE WITHIN EHLANZENI, GERT SIBANDE AND NKANGALA DISTRICTS, MPUMALANGA PROVINCE AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS

**PART B
TERMS AND CONDITIONS FOR BIDDING**

1. BID SUBMISSION:
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
1.4. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).
2. TAX COMPLIANCE REQUIREMENTS
2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:

(Proof of authority must be submitted e.g. company resolution)

DATE:

TERMS OF REFERENCE

THE APPOINTMENT FOR THE APPOINTMENT OF A PANEL OF CONTRACTORS FOR EMERGENCY MAINTENANCE WORK ON MEGA PROPERTIES AND INFRASTRUCTURE WITHIN EHLANZENI, GERT SIBANDE AND NKANGALA DISTRICTS, MPUMALANGA PROVINCE AS AND WHEN REQUIRED BASIS FOR A PERIOD OF 36 MONTHS

1. INTRODUCTION

The Mpumalanga Economic Growth Agency, hereinafter referred to as “**MEGA**” is a schedule 3D entity of the Mpumalanga Provincial Government with a mandate of stimulating economic growth in the Province through inter alia:-

- (i) the provision of funding to SMMEs, Co-operatives and Agricultural enterprises, as well as the provision of housing loans to citizens of Mpumalanga within the gap market;
- (ii) proactively identifying investment opportunities within the Province, attracting investment into such opportunities through various trade and investment promotion initiatives, as well as facilitating that such investments into the province derive maximum development impact;
- (iii) delivering massive infrastructure within the Province;
- (iv) the development and management of property in the form of industrial parks which stimulate economic activity in the Province.

In exercising its powers and functions as articulated in the Act, [“the MEGA Act 1 of 2010”], the entity must continually broaden the participation of Mpumalanga citizens in all the sectors of the economy and accordingly contribute, whether directly or indirectly, to the alleviation of poverty, unemployment and inequality.

2. PURPOSE

The Mpumalanga Economic Growth Agency intends to appoint a panel of credible and experienced service providers for the provision of emergency maintenance work of industrial parks infrastructure in Ehlanzeni, Gert Sibande and Nkangala districts within the Mpumalanga province for a period of 36 months.

3. BACKGROUND

MEGA's property portfolio spans all three regions in Mpumalanga, namely Ehlanzeni, Gert Sibande and Nkangala. To remedy the situation, MEGA embarked on a multi-faceted property turnaround journey since 2022.

4. SCOPE OF WORK

TECHNICAL SPECIFICATION

Overview of the works

The Project Comprises of building maintenance and construction in accordance with the specifications or scope of work that will be provided to the contractor.

Extent of the works

External works (Civil engineering works), Plumbing, Heating, Ventilation and Air-conditioning (HVAC), Electrical and Building works

Labour Rates

Bidders are to note the following :

Labour required for the execution of all labour intensive works shall be engaged strictly in accordance with prevailing legislation and SANS 1914-5, Participation of Targeted labour.

The set rates of pay shall not be lower than as recommended in the Government Gazette.

Bidders are to refer to the latest Government Gazette for the full intent and purpose of the Task grade and the minimum wage rate.

NOTE: Should it be discovered that **false information** has been provided the tender (offer) shall be **invalidated**

Tender offers will only be accepted if:

- a) the tenderer is registered with the Construction Industry Development Board (CIDB) in a appropriate contractor grading designation;
- b) the tenderer or any of its directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector;
- c) the tenderer has not:
 - i) abused the Employer's Supply Chain Management System; or
 - ii) failed to perform on any previous contract and has been given a written notice to this effect

NOTE:

5. PERFORMANCE GUARANTEE REQUIREMENT

Mpumalanga Economic Growth Agency has resolved to waive the requirement for a Performance Guarantee for all Projects / Contracts for monetary values ranging from R0.1 up to R5.0 million.

6. RETENTION

Mpumalanga Economic Growth Agency has further resolved that the deduction of retention monies from progress payment should remain in place as a security against any defaulters or in lieu of poor workmanship:

6.1 BUILDING CONTRACTS IN GENERAL

10% Retention shall be deducted on any progress payment certificate, until the total deducted retention value equal 5% of total contract/project value. The money shall be released at the expiry date of the retention period, which is normally a three-month period.

7. EVALUATION CRITERIA

7.1 THE ADJUDICATION METHOD

The three-stage tender evaluation and awarding process will be used to adjudicate the tender documents that will be submitted by potential bidders. The stages are described as being;

- Stage 1: Responsiveness assessment: Tenders evaluated for responsiveness based on the mandatory requirements stated.
- Stage 2: Functionality assessment
- Stage 3: Evaluation of the bidders scores for the specific goals

80/20 evaluation criteria will be used for this bid.

Appointment of a preferred bidder(s)

Subject to the provisions of MEGA Supply Chain Management Policy and the Procurement regulations of 2022:

MEGA reserves the right to:

- a) Appoint one or more bidder(s) to provide the required service.
- b) where applicable, negotiate the final fee or rates with the preferred bidder(s)
- c) MEGA reserves the right to consider the guidelines and prescribed hourly remuneration rates for consultants as provided in the **National Treasury Instruction 01 of 2013/2014: Cost Containment Measures**, where relevant.

7.2 MANDATORY REQUIREMENTS

All the submitted proposals will be assessed for compliance with the mandatory requirements listed below:

TABLE A: MANDATORY REQUIREMENTS

(Failure to meet the requirements below), the bidder will be disqualified)

1.	A letter of Good Standing, issued by the Compensation Fund in terms of the Compensation for Occupational Injuries and Diseases Act, 1993 must be attached. The certificate must be valid as at the closing date of the bid. A letter of intent will not be accepted.
2.	Company registration certificates
3.	Fully completed pricing schedule
4.	Valid CIDB registration and a minimum CIDB grading 2 or higher.
5.	Fully completed, signed Standard bidding documents (SBD1; SBD4; SBD6.1)
6.	Letter of authority to sign the bidding documents
7.	Certified copies of Directors' or Shareholders Identity documents
8.	Proof registration on Central Supplier Database (Detailed report)
9.	Letter of approval by the Executive Authority to do business if the entity has a member(s) who is / are Government employees

7.3 FUNCTIONALITY ASSESSMENT

Responsive bids will first be evaluated on functionality and that bidders who score more than 70 points of the 100 points will be evaluated further on Specific Goals

- a) Bidders who score less than the minimum threshold of **70 points (70%)** will automatically be disqualified

The score in respect of each of the criteria are as follows:

1. Functionality Criterion	Weight	Points Scored
1. key personnel committed to this project. 1.1. Project team Organogram 1.2. Key personnel experience (CV's) 1.3. Relevant Qualification in General building or electrical work, Plumbing or Civil engineering and HVAC systems	40	
2. Experience in comparable projects 2.1. Appointment letters from similar completed projects with public entities (a maximum of six (6) will be considered for evaluation). Five (5) points will be allocated for each appointment letter submitted. 2.2. Completion letters (Letters of Recommendation) or completion certificates from similar work performed with public entities (a maximum of six (6) will be considered for evaluation). Five (5) points will be allocated for each letter or certificate submitted. 2.3. Name of the client and contact details NOTE : With reference to similar work completed under the following CIDB classifications GB, CE, ME, EB, SQ, and SO.	60	
Total Functionality	100	

A bidder who scores less than 70 points(70%) will not be evaluated further for Price and Specific Goals

7.4 EVALUATION OF PRICE AND SPECIFIC GOALS

The **80/20 preference point system** shall be applied for the purpose of this bid, as per the requirements of the *Preferential Procurement regulations, 2022*

	POINTS
PRICE	80
SPECIFIC GOALS	
Enterprise owned by Black people	4
Enterprise owned by Women	4
Enterprise owned by Youth	4
Enterprise owned by Disabled	4
Enterprise owned by SMME's-QSE and EME	4
Total points for Price and SPECIFIC GOALS	100

The 80/20 preference point system for acquisition of services, works or goods up to the Rand value of R50 Million (VAT inclusive):

$$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

P_s = Points scored for price of tender under consideration

P_t = Price of tender under consideration

P_{\min} = Price of the lowest acceptable tender

A maximum of 20 points can be awarded to a tenderer for the specific goals specified for the tender.

The points scored for the specific goals will be added to the points scored for price.

8. PRICE EVALUATION *(For evaluation purposes)*

See attached BOQ

Complete the pricing to be used for evaluation purposes only

9. CONFIDENTIALITY

This bid and all information in connection therewith shall be held in strict confidence by interested parties and usage of such information shall be limited to preparation of the bid.

10. ENQUIRIES

Enquiries related to this bid may be addressed via email as indicated below:

All Supply Chain Management enquiries must be directed to:

Supply Chain Management Unit:

scm@mega.gov.za

All Technical or Project related enquiries must be directed to:

Properties Management Unit:

Mr. Bongane Ngcane

Bongane.ngcane@mega.gov.za

10. NON-COMPULSORY BRIEFING SESSION

A non-compulsory briefing session will be held for this bid :

The briefing will be held virtually :

Microsoft Teams meeting

Join: <https://teams.microsoft.com/meet/36082523597275?p=TLtx33HrYeRDdwg92q>

Meeting ID: 360 825 235 972 75

Passcode: pb38fq7P

Date : 13 March 2026 at 10:00

11. METHOD AND PLACE OF SUBMISSION

All the Bid documents together with the supporting documents must be submitted on sealed envelope, marked with the Name of bidder, Bid number, Bid description and closing date and be deposited in the tender box as per closing date and time per bid above. The address is as follows:

The address is as follows:

MEGA Head Office
Supply Chain Management Unit
02 Eastern Boulevard, Riverside
Mbombela
1200

MEGA Offices - Ekandustria
Ekandustria Industrial Park
Bronkhorstspuit
1028

Bid Validity

Bids submitted shall remain valid for a period of **ninety (90) days** from the closing date of the bid.

All bidders are requested to submit the documents in two [2] formats, namely, one [1] original hard copy and one [1] soft copy (memory stick).

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 1</u>			
<u>BILL NO. 1</u>			
<u>PRELIMINARIES</u>			
<u>BUILDING AGREEMENT AND PRELIMINARIES</u>			
<p>The JBCC Series 2000 Principal Building Agreement (July 2007 edition) prepared by the Joint Building Contract Committee shall be the applicable building agreement, amended as hereinafter described</p> <p>The ASAQS Preliminaries (November 2007 edition) published by the Association of South African Quantity Surveyors for use with the said JBCC Principal Building Agreement shall be deemed to be incorporated in these bills of quantities</p> <p>Contractors are referred to the abovementioned documents for the full intent and meaning of each clause thereof</p> <p>These clauses are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading and such modifications, corrections or supplements shall take precedence notwithstanding anything contrary contained in the abovementioned documents</p> <p>Where any item is not relevant to this specific contract such item is marked N/A, signifying "not applicable"</p>			
<u>PREAMBLES FOR TRADES</u>			
<p>The Model Preambles for Trades (1999 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained</p>			
Carried Forward			R
<p>Section No. 1 Bill No. 1 Preliminaries</p> <p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward		R
	<p>Supplementary preambles are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles shall take precedence over the provisions of the said Model Preambles</p> <p>The contractor's prices for all items throughout these bills of quantities must take account of and include for all of the obligations, requirements and specifications given in the said Model Preambles and in any supplementary preambles</p> <p><u>PRICING OF PRELIMINARIES</u></p> <p>Should the contractor select Option A in terms of subclause 3.2.1 in the Contract Data - Contractor to Employer (CE) for the purpose of adjustment of these preliminaries, the amount entered into the amount column in these preliminaries is to be divided into one or more of the three categories provided namely Fixed (F), Value Related (V) and Time Related (T)</p> <p><u>SECTION A - PRINCIPAL BUILDING AGREEMENT</u></p>		
1	PRELIMINARIES AT 13.0%	Item	
	<u>Definitions</u>		
2	Clause 1.0 - Definitions and interpretation F:..... V:..... T:.....	Item	
	<u>Objective and preparations</u>		
3	Clause 2.0 - Offer acceptance and performance obligations F:..... V:..... T:.....	Item	
4	Clause 3.0 - Documents F:..... V:..... T:.....	Item	
5	Clause 4.0 - Design responsibility F:..... V:..... T:.....	Item	
	Carried Forward		R
	<p>Section No. 1 Bill No. 1 Preliminaries</p> <p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward		R
6	Clause 5.0 - Employer's agents F:..... V:..... T:.....	Item	
7	Clause 6.0 - Contractor's site representative F:..... V:..... T:.....	Item	
8	Clause 7.0 - Compliance with laws and regulations F:..... V:..... T:..... Without limiting the generality of the provisions of clause 7.0, the contractor's attention is drawn to the provisions of the Construction Regulations, 2014 issued in terms of the Occupational Health and Safety Act, 1993. It is specifically stated that the employer shall prepare a documented health and safety specification for the works and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the reasonable provisions of the aforementioned health and safety specifications	Item	
9	Clause 8.0 - Works risk F:..... V:..... T:.....	Item	
10	Clause 9.0 - Indemnities F:..... V:..... T:.....	Item	
11	Clause 10.0 - General insurances F:..... V:..... T:.....	Item	
12	Clause 11.0 - Special insurances F:..... V:..... T:.....	Item	
13	Clause 12.0 - Effecting insurances F:..... V:..... T:.....	Item	
	Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
14	Clause 13.0 - Assignment F:..... V:..... T:.....	Item	
15	Clause 14.0 - Security F:..... V:..... T:.....	Item	
<u>Execution</u>			
16	Clause 15.0 - Preparation for and execution of the works F:..... V:..... T:.....	Item	
17	Clause 16.0 - Site and access Clause 16.7 - <i>Known services</i> Clause 16.8 - <i>Protection of trees</i> (All trees must be protected and preserved) F:..... V:..... T:.....	Item	
18	Clause 17.0 - Contract instructions F:..... V:..... T:.....	Item	
19	Clause 18.0 - Setting out of the works The contractor shall notify the principal agent if any encroachments of adjoining foundations, buildings, structures, pavements, boundaries, etc. exist in order that the necessary arrangements may be made for the rectification of any such encroachments. F:..... V:..... T:.....	Item	
20	Clause 19.0 - Temporary works and plant Subclause 19.1.1 - <i>Enclosure of the works</i> Subclause 19.1.2 - <i>Office accommodation</i> Clause 19.2 - <i>Notice boards</i> F:..... V:..... T:.....	Item	
Carried Forward			R
Section No. 1 Bill No. 1 Preliminaries PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward		R
21	Clause 20.0 - Nominated subcontractors F:..... V:..... T:.....	Item	
22	Clause 21.0 - Selected subcontractors F:..... V:..... T:.....	Item	
23	Clause 22.0 - Employer's direct contractors F:..... V:..... T:.....	Item	
24	Clause 23.0 - Contractor's domestic subcontractors F:..... V:..... T:.....	Item	
	<u>Completion</u>		
25	Clause 24.0 - Practical completion The contractor shall not receive any mark-up for overheads and profit on any omission of tenant installation work or tenant installation work by others. Claims of loss of profit shall not be entertained F:..... V:..... T:.....	Item	
26	Clause 25.0 - Works completion F:..... V:..... T:.....	Item	
27	Clause 26.0 - Final completion F:..... V:..... T:.....	Item	
28	Clause 27.0 - Latent defects liability period F:..... V:..... T:.....	Item	
29	Clause 28.0 - Sectional completion F:..... V:..... T:.....	Item	
	Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward		R
30	<p>Clause 29.0 - Revision of date for practical completion</p> <p>The removal and replacement of materials and/or workmanship which do not conform to specification or drawing shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value (Clause 29.3)</p> <p>F:..... V:..... T:.....</p>	Item	
31	<p>Clause 30.0 - Penalty for late or non-completion</p> <p>F:..... V:..... T:.....</p>	Item	
	<u>Payment</u>		
32	<p>Clause 31.0 - Interim payment</p> <p>The inclusion of materials and goods stored off site in the amount authorised for payment in terms of clause 31.4 shall be at the sole discretion of the principal agent and such inclusion shall only be considered upon the provision, by the contractor, of an approved guarantee issued by a registered commercial bank. Clause 31.6.5 is therefore not applicable</p> <p>Materials and goods stored off site shall not be included in the amount authorised for payment</p> <p>F:..... V:..... T:.....</p>	Item	
	Carried Forward		R
	<p>Section No. 1 Bill No. 1 Preliminaries</p> <p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward		R
33	<p>Clause 32.0 - Adjustment to the contract value</p> <p>All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the contractor</p> <p>Where prices are submitted by the contractor or n/s subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of the contract and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the final payment certificate, it shall be in writing</p> <p>F:..... V:..... T:.....</p>	Item	
34	<p>Clause 33.0 - Recovery of expense and loss</p> <p>F:..... V:..... T:.....</p>	Item	
35	<p>Clause 34.0 - Final account and final payment</p> <p>F:..... V:..... T:.....</p>	Item	
36	<p>Clause 35.0 - Payment to other parties</p> <p>F:..... V:..... T:.....</p>	Item	
	<u>Termination</u>		
37	<p>Clause 36.0 - Termination by employer - contractor's default</p> <p>F:..... V:..... T:.....</p>	Item	
38	<p>Clause 37.0 - Termination by employer - loss and damage</p> <p>F:..... V:..... T:.....</p>	Item	
39	<p>Clause 38.0 - Termination by contractor - employer's default</p> <p>F:..... V:..... T:.....</p>	Item	
	Carried Forward		R
	<p>Section No. 1 Bill No. 1 Preliminaries</p> <p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward		R
40	Clause 39.0 - Termination - cessation of the works F:..... V:..... T:..... <u>Dispute</u>	Item	
41	Clause 40.0 - Settlement of disputes F:..... V:..... T:..... <u>Contract agreement</u>	Item	
42	Clause 41.0 - Post tender provisions The required post tender information shall be inserted in the post tender provisions after consultation with the contractor	Item	
43	Clause 42.0 - Contractual agreement The required information of the contracting parties and the amount of the accepted contract sum shall be inserted in the contractual agreement for signature of the agreement by the contracting parties	Item	
	Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward		R
	<u>SECTION B - PRELIMINARIES</u>		
	<u>Definitions and interpretation</u>		
44	Clause 1.0 - Definitions and interpretation F:..... V:..... T:.....	Item	
	<u>Documents</u>		
45	Clause 2.1 - Checking of documents F:..... V:..... T:.....	Item	
46	Clause 2.2 - Provisional bills of quantities These bills of quantities are in "trades" format i.e - foundations, concretework, masonry, waterproofing, roof coverings, carpentry and joinery, ceilings and partitions, ironmongery, metalworks, plastering, tiling, glazing, painting and are provisional schedule of rates F:..... V:..... T:.....	Item	
47	Clause 2.3 - Availability of construction documentation F:..... V:..... T:.....	Item	
	<u>Previous work and adjoining properties</u>		
48	Clause 3.1 - Previous work - dimensional accuracy F:..... V:..... T:.....	Item	
49	Clause 3.2 - Previous work - defects F:..... V:..... T:.....	Item	
50	Clause 3.3 - Inspection of adjoining properties F:..... V:..... T:.....	Item	
	Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward		R
	<u>Samples, shop drawings and manufacturer's instructions</u>		
51	Clause 4.1 - Samples of materials F:..... V:..... T:.....	Item	
52	Clause 4.2 - Workmanship samples F:..... V:..... T:.....	Item	
53	Clause 4.3 - Shop drawings F:..... V:..... T:.....	Item	
54	Clause 4.4 - Compliance with manufacturer's instructions F:..... V:..... T:.....	Item	
	<u>Deposits and fees</u>		
55	Clause 5.1 - Deposits and fees F:..... V:..... T:.....	Item	
	<u>Temporary services</u>		
56	Clause 6.1 - Water F:..... V:..... T:.....	Item	
57	Clause 6.2 - Electricity F:..... V:..... T:.....	Item	
58	Clause 6.3 - Telecommunication facilities F:..... V:..... T:.....	Item	
59	Clause 6.4 - Ablution facilities F:..... V:..... T:.....	Item	
	Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward		R
	<u>Prime cost amounts</u>		
60	Clause 7.1 - Responsibility for prime cost amounts F:..... V:..... T:.....	Item	
	<u>Special attendance on n/s subcontractors</u>		
61	Clause 8.1 - Special attendance <i>General attendance is defined in the n/s subcontract agreement</i> F:..... V:..... T:.....	Item	
	<u>General</u>		
62	Clause 9.1 - Protection of the works F:..... V:..... T:.....	Item	
63	Clause 9.2 - Protection/isolation of existing/sectionally occupied works F:..... V:..... T:.....	Item	
64	Clause 9.3 - Security of the works F:..... V:..... T:.....	Item	
65	Clause 9.4 - Notice before covering work F:..... V:..... T:.....	Item	
66	Clause 9.5 - Disturbance F:..... V:..... T:.....	Item	
67	Clause 9.6 - Environmental disturbance Where the employer has prepared an environmental management plan, a copy of the plan will be attached as an annexure. The contractor shall then price opposite this item for compliance with all the requirements of such environmental management plan F:..... V:..... T:	Item	
	Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward		R
68	Clause 9.7 - Works cleaning and clearing F:..... V:..... T:.....	Item	
69	Clause 9.8 - Vermin F:..... V:..... T:.....	Item	
70	Clause 9.9 - Overhand work F:..... V:..... T:.....	Item	
	<u>Schedule of variables</u>		
	Information necessary for elections and completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder. Where no information is given it shall mean that no specific requirements are expected or that the clause is not relevant to this specific contract		
	10.1 - Provisional bills of quantities [clause 2.2] The quantities are provisional Yes		
	10.2 - Availability of construction documentation [clause 2.3] Construction documentation is complete No		
	10.3 - Previous work - dimensional accuracy [clause 3.1]		
	10.4 - Previous work - defects [clause 3.2]		
	10.5 - Inspection of adjoining properties [clause 3.3]		
	Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward		R
	<p>10.11 - Protection/isolation of existing/sectionally occupied works [clause 9.2] Protection/isolation is require</p> <p style="text-align: center;">Yes</p> <p>10.12 - Disturbance [clause 9.5]</p> <p>10.13 - Environmental disturbance [clause 9.6]</p>		
	<u>SECTION C - SPECIFIC PRELIMINARIES</u>		
71	<p>Site instructions</p> <p>Instructions issued on site are to be recorded in triplicate in a site instruction book which is to be maintained on site by the contractor</p> <p>F:..... V:..... T:.....</p>	Item	
72	<p>Warranties for material and workmanship</p> <p>Where warranties for materials and/or workmanship are called for, the contractor shall obtain a written warranty, addressed to the employer, from the firm supplying the materials and/or doing the work and shall deliver same to the principal agent on the certified completion of the contract. The warranty shall state that workmanship, materials and installation are warranted for a specified period from the date of final completion and that any defects that may arise during the specified period shall be made good at the expense of the firm supplying the materials and/or doing the work, upon written notice to do so. The warranty will not be enforced if the work is damaged by defects in the construction of the building in which case the responsibility for replacement shall rest entirely with the contractor</p> <p>F:..... V:..... T:.....</p>	Item	
	Carried Forward		R
	<p>Section No. 1 Bill No. 1 Preliminaries</p> <p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward		R
73	<p>Co-operation of contractor for cost management</p> <p>It is specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the final building cost does not exceed the budget. The principal agent undertakes to make available to the contractor all budgetary allowances and cost assessments/reports to enable the proper procedure to be implemented and the contractor shall attend all cost plan review and cost management meetings. The contractor undertakes to extend these procedures, as necessary, to all subcontractors</p> <p>F:.....V:.....T:.....</p>	Item	
74	<p>Propping of floors below</p> <p>The contractor is advised that propping of floors below may be required if he wishes to use any areas of completed suspended reinforced concrete slabs for vehicle access, storage of materials and goods and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the principal agent and the cost thereof shall be borne by the contractor</p> <p>F:..... V:..... T:.....</p>	Item	
75	<p>Testing of windows for watertightness</p> <p>Each window shall be tested for watertightness with water sprayed on using adequate pressure. If in the opinion of the principal agent, the pressure proves to be inadequate, then the pressure shall be boosted by means of compressed air or other approved means</p> <p>F:..... V:..... T:.....</p>	Item	
	Carried Forward		R
	<p>Section No. 1 Bill No. 1 Preliminaries</p> <p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

76	<p style="text-align: center;">Brought Forward</p> <p>Testing of flat roof waterproofing for watertightness</p> <p>Flat roof waterproof areas shall be prepared with small sand dykes around them of a size and enclosing an area approved by the principal agent, flooded with water and kept "ponded" for at least 36 hours as a test to ensure the watertightness of the waterproofing and before any further construction work is carried out above the waterproofing</p> <p>F:..... V:..... T:.....</p> <p><u>SUMMARY OF CATEGORIES</u></p> <p>Category : Fixed R.....</p> <p>Category : Value R.....</p> <p>Category : Time R.....</p>	Item	R
	<p>Carried to Final Summary</p> <p>Section No. 1 Bill No. 1 Preliminaries</p> <p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>		R

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u>			
<u>BILL NO. 1</u>			
<u>ALTERATIONS</u>			
<u>PREAMBLES</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<p>All Tenderers will be deemed to have visited the site prior to submitting their tender to determine the nature and extent of the alteration and demolition work and the value of the materials to be recovered. No claim for a variation in the credit allowance for recoverable materials in respect of demolition items will be considered.</p> <p>All sizes and dimensions stated herein are approximate and deemed only sufficient to identify the item of work concerned.</p> <p>In taking down and removing existing work the utmost care must be taken to avoid any structural or other damage to the remaining portions of the building and the Contractor shall provide all shoring, needling, strutting, etc to ensure the stability of all structures during the alteration/demolition work. The Contractor will be held solely responsible for the safety and stability of the buildings for the whole period of the contract and must make good any damage at his own expense.</p> <p>Existing services must be maintained at all times to the existing buildings. If it is found necessary to disconnect any service then suitable temporary or alternate services must be provided to the existing buildings.</p> <p>Special care shall be exercised during the progress of the work to ensure that any electrical installation, water supply pipes, telephone and other services which may be encountered are not interfered with and notice must be given to the Principal agent if any disconnection or alterations become necessary.</p>			
Carried Forward			R
Section No. 2 Bill No. 1 Alterations (Provisional) PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward	R
<p>The Contractor shall cover up and protect from injury all work not removed and shall make good at his own expense any damage that may occur.</p> <p>Any water supply or other piping, etc that may be encountered and found necessary to disconnect or cut are to be effectually stopped off and any new connections that may be necessary shall be made with the proper fittings to the satisfaction of the Principal Agent. Where sanitary fittings, geysers, etc are to be removed the Contractor shall allow for removing all exposed waste or water supply pipes to the nearest suitable junction or connection and stopping off, as well as for making good plaster, screeds, etc.</p> <p>Prices for the removal of concrete slabs, etc must include for removal of reinforcement, screeds, membrane waterproofing, conduits, etc.</p> <p>Prices for the removal of concrete surface beds, etc must include for removal of reinforcement, screeds, conduits, damp proof membrane, etc. The Contractor is to note that removal of the existing floor finishes such as vinyl, carpets, ceramic tiles, etc has been measured separately.</p> <p>Taking down existing walls is to include for skirtings, cornices, conduits, pipes, brick or concrete fins, lintels, etc built into the structure and for making good walls, floors, ceilings, etc as described. The Contractor is to note that items for the removal of joinery, etc such as shelves, pelmets, curtain rails, pinning boards, signage, etc has been measured separately.</p> <p>Removal of doors, windows, fittings, etc is to include for their removal complete with frames, ironmongery, glass, quadrants, architraves, skirtings, burglar bars and all accessories to walls, reveals, around openings, for cutting out cills, etc, for hacking up flooring at openings and for making good.</p> <p>Removal of sanitary fittings is to include for the removal and blocking off of service pipes, taps, traps, fixing brackets, cisterns, etc complete.</p>	R
Carried Forward	R
<p>Section No. 2 Bill No. 1 Alterations (Provisional)</p> <p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>	

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

<p style="text-align: center;">Brought Forward</p> <p>Building up of existing openings where given in number shall be deemed to include preparing existing surfaces all round, brickwork properly toothed and bonded to existing and shot pinned to concrete, wedging up and unless otherwise stated making good finishes on both sides to match existing.</p> <p>Allow for watering the works sufficiently to prevent nuisance from dust.</p> <p>OLD MATERIALS TO BE CARTED AWAY: Old materials from the alterations, except where described to be re-used or handed over, as well as all rubbish, rubble, debris etc., must be regularly carted from the site and not be allowed to accumulate on or around the site.</p> <p>OLD MATERIALS NOT TO BE RE-USED: None of the old materials are to be used for new work except where specifically described as being set aside for re-use.</p> <p>OLD MATERIALS TO BECOME THE PROPERTY OF THE CONTRACTOR: Old materials from alterations, except where described to be re-used or handed over, become the property of the Contractor who must allow credit for same in the Final Summary.</p> <p>HANDING OVER OF MATERIALS: Where certain materials or articles from demolitions or articles are described as to be handed over by the Contractor to the Regional Representative or Representative/Agent, such materials or articles shall be properly stored by the Contractor, until handing over thereof. The Contractor must obtain an official receipt listing the materials or articles and dates of handing over. If the Contractor fails to submit the receipt when requested, it shall be deemed that the materials or articles are still in his possession and he will be held liable to the Department for the full replacement value thereof, which amount will be deducted from any monies due to the Contractor.</p> <p><u>DEMOLITIONS ETC</u></p>		R
<p style="text-align: center;">Carried Forward</p> <p>Section No. 2 Bill No. 1 Alterations (Provisional)</p> <p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>		R

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>Breaking up and removing</u>			
1	200mm Thick concrete surface beds, paving, etc	m2	1
2	200mm Thick mesh reinforced concrete surface beds, paving, etc	m2	1
3	Brick paving with mortar joints	m2	1
4	Concrete kerbs	m	1
5	Brick kerbs with mortar joints	m	1
<u>Taking down and removing</u>			
6	Half brick boundary or yard wall 2.5m high	m	1
<u>Demolishing and removing</u>			
7	Single storey building with pitched roof 10 x 10m on plan and 1.5m high at eaves comprising concrete surface bed, 220mm external walls, 220mm internal walls and steel roof covering on timber trusses	No	1
<u>REMOVAL OF EXISTING WORK</u>			
<u>Breaking up and removing mass concrete</u>			
8	Steps	m3	1
9	100mm Thick surface bed	m2	1
<u>Breaking up and removing reinforced concrete including cutting off and removing reinforcement</u>			
10	Stairs and landings	m3	1
11	Beams	m3	1
12	Columns	m3	1
13	200mm Thick slabs	m2	1
Carried Forward			R
Section No. 2 Bill No. 1 Alterations (Provisional) PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>Breaking down and removing brickwork etc</u>			
14	Mass Brickwork	m3	1
15	Half brick wall	m2	1
16	One brick wall	m2	1
<u>Taking out and removing doors, windows, etc from brickwork to be demolished</u>			
17	Timber single door and frame not exceeding 2,5m2	No	1
18	Timber single door and frame 813 x 2032mm high	No	1
19	Timber double door and frame exceeding 2.5m2 and not exceeding 3.5m2	No	1
20	Timber double door and frame 1626 x 2032mm high	No	1
21	Timber single door and steel frame not exceeding 2,5m2	No	1
22	Industrial roller shutter door not exceeding 5m2	No	1
<u>Taking out/off and removing sundry metalwork</u>			
23	Steel pipe handrail from walls including making good plaster finish	m	1
24	Steel balustrade 900mm high from concrete stairs including making good granolithic/tile finish	m	1
25	Cut and remove rusted / damaged sections of balustrade not exceeding 3mm in thickness (between 0,1 to 0.5m in length) and replace with new, welded or bolted as the case may be prepare and paint to match existing	No	1
26	Cut and remove rusted / damaged sections of balustrade not exceeding 3mm in thickness (between 0,5 to 1,0m in length) and replace with new, welded or bolted as the case may be prepare and paint to match existing	No	1
Carried Forward			R
Section No. 2			
Bill No. 1			
Alterations (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
27	Cut and remove rusted / damaged sections of balustrade exceeding 3mm but not exceeding 6mm in thickness (between 0,1 to 0.5m in length) and replace with new, welded or bolted as the case may be prepare and paint to match existing	No	1
<u>Taking out and removing sundry joinery work</u>			
28	Timber cornices from brickwork	m	1
29	Timber skirtings from brickwork	m	1
30	Timber sills from brickwork	m	1
<u>Taking out and removing joinery fittings etc</u>			
31	Timber wall cupboard 1000 x 1000 x 1000mm high	No	1
32	Timber floor cupboard 1000 x 1000 x 1000mm high	No	1
33	Timber sink cupboard 1000 x 1000 x 1000mm high including disconnecting waste pipe (new trap and connecting to new waste pipe elsewhere)	No	1
34	Timber counter 1000 x 1000 x 1000mm high	No	1
<u>Taking up and removing vinyl floor coverings, carpeting, etc</u>			
35	Vinyl tile floor covering including preparing screed for new floor covering	m2	1
<u>Taking out and removing ironmongery</u>			
<u>Carefully take out and remove from site the following including making good all works disturbed</u>			
36	Existing door hinges	No	1
37	Existing single action floor spring hinges	No	1
38	Existing double action floor spring hinges	No	1
39	Existing barrel bolt with keep fixed to metal/concrete	No	1
40	Existing flush bolt with keep fixed to metal/concrete	No	1
Carried Forward			R
Section No. 2 Bill No. 1 Alterations (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
41	Existing WC indicator bolt with keep fixed to metal/concrete	No	1
42	Existing panic bolt for single door with one keep let into concrete	No	1
43	Existing panic bolt for double door with one keep let into concrete	No	1
<u>Carefully take out and remove from site the following including making good all works disturbed</u>			
44	Existing ball catch	No	1
45	Existing Single roller catch	No	1
46	Existing Double roller catch	No	1
47	Existing Fanlight catch	No	1
48	Existing Fanlight stay	No	1
49	Existing Fanlight friction sliding arm	No	1
50	Existing Fanlight opener with cord and cleat	No	1
51	Existing cabin hook and eye	No	1
<u>Carefully take out and remove from site the following including making good all works disturbed</u>			
52	Existing Padlock	No	1
53	Existing night latch	No	1
54	Existing bathroom lockset	No	1
55	Existing three lever deadlock	No	1
56	Existing four lever deadlock	No	1
57	Existing two lever lockset	No	1
58	Existing single cylinder lockset	No	1
Carried Forward			R
Section No. 2			
Bill No. 1			
Alterations (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
59	Existing double cylinder lockset	No	1
<u>Carefully take out and remove from site the following including making good all works disturbed</u>			
60	Existing flush handle	No	1
61	Existing knob	No	1
62	Existing pull handle	No	1
63	Existing Set of two pull handles fixed back to back	No	1
<u>Carefully take out and remove from site the following including making good all works disturbed</u>			
64	Existing aluminium plates not exceeding 0,1m2	No	1
65	Existing aluminium plates exceeding 0,1m2 but not exceeding 0,3m2	No	1
66	Existing aluminium plates exceeding 0,3m2 but not exceeding 0,5m2	No	1
<u>Carefully take out and remove from site the following including making good all works disturbed</u>			
67	Existing door closer	No	1
68	Existing door closer with bracket	No	1
69	Existing concealed door closer	No	1
70	Existing concealed door closer with bracket	No	1
<u>Carefully take out and remove from site the following including making good all works disturbed</u>			
71	Existing Brass or plastic letters/numerals	No	1
72	Existing perspex plate with engraved and painted letters/numerals/symbols not exceeding 0,1m2	No	1
73	Existing aluminium plate with engraved or painted letters/numerals/symbols exceeding 0,1m2	No	1
Carried Forward			R
Section No. 2			
Bill No. 1			
Alterations (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>Carefully take out and remove from site the following including making good all works disturbed</u>			
74	Existing chromium plated curtain or hanging rail not exceeding 1,0m long	No	1
75	Existing chromium plated curtain or hanging rail exceeding 1,0m but not exceeding 2,0m long	No	1
76	Existing chromium plated towel rail not exceeding 1,0m long	No	1
77	Existing toilet roll holder	No	1
78	Existing Lockable toilet roll holder plugged	No	1
79	Existing soap holder	No	1
80	Existing back grab rail not exceeding 1,0m long	No	1
81	Existing side grab rail not exceeding 1,0m girth	No	1
82	Existing bathroom cabinet	No	1
83	Existing soap dispenser	No	1
84	Existing electric hand-drier	No	1
<u>Carefully take out and remove from site the following including making good all works disturbed</u>			
85	Existing rubber door stop	No	1
<u>Taking out/off and removing sundry metalwork</u>			
86	Steel pipe handrail from walls including making good plaster finish	m	1
87	Steel balustrade 900mm high from concrete stairs including making good granolithic finish to kerb	m	1
88	Steel wire mesh burglar proofing with framing 1000 x 1000mm high bolted to brickwork and making good face brickwork	No	1
Carried Forward			R
Section No. 2 Bill No. 1 Alterations (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward				R
<u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc</u>				
89	30mm Granolithic from floors	m2	1	
90	Granolithic skirting 15mm high	m	1	
91	25mm Screed from floors	m2	1	
92	Internal plaster from walls and columns	m2	1	
93	External plaster from walls, columns and beams	m2	1	
<u>Hacking up/off and removing ceramic tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes</u>				
94	Tiles to floors	m2	1	
95	Tiles to walls	m2	1	
96	Tile skirting 20mm high	m	1	
<u>Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>				
97	Stainless steel wash hand basin	No	1	
98	Stainless steel sink and drainer	No	1	
99	Wash hand basin	No	1	
100	Wash hand basin on pedestal.	No	1	
101	Pedestal only	No	1	
102	WC pan only	No	1	
103	WC pan with cistern	No	1	
104	WC pan with flush valve	No	1	
Carried Forward				R
Section No. 2				
Bill No. 1				
Alterations (Provisional)				
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK				

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
105	Cistern and internal flushing mechanism	No	1
106	Cistern only	No	1
107	Cistern internal flushing mechanism only	No	1
108	WC seat and cover	No	1
109	WC pan connector	No	1
110	Wall hung urinal with flush valve	No	1
111	Wall hung urinal only	No	1
112	Urinal flush valve	No	1
<u>Taking out and removing glass and mirrors</u>			
113	Carefully remove cracked or broken glazing in panes not exceeding 0,1m2 in existing metal windows and doors including scraping out putty on reveals and prepare windows and or doors to receive new glazing (New glazing elsewhere measured)	No	1
114	Carefully remove cracked or broken glazing in panes exceeding 0,1m2 and not exceeding 0,5m2 in existing metal windows and doors including scraping out putty on reveals and prepare windows and or doors to receive new glazing (New glazing elsewhere measured)	No	1
115	Carefully remove cracked or broken glazing in panes exceeding 0,5m2 and not exceeding 2m2 in existing metal windows and doors including scraping out putty on reveals and prepare windows and or doors to receive new glazing (New glazing elsewhere measured)	No	1
116	Carefully remove cracked or broken glazing in panes exceeding 2m2 and not exceeding 4m2 in existing metal windows and doors including scraping out putty on reveals and prepare windows and or doors to receive new glazing (New glazing elsewhere measured)	No	1
117	Carefully remove cracked or broken mirrors not exceeding 0,5m2 including making good painted or tiled backing and prepare surface to receive new mirrors (New mirrors elsewhere measured)	No	1
Carried Forward			R
Section No. 2			
Bill No. 1			
Alterations (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
118	Carefully remove cracked or broken mirrors exceeding 0,5m2 and not exceeding 1,0m2 including making good painted or tiled backing and prepare surface to receive new mirrors (New mirrors elsewhere measured)	No	1
<u>Taking down and removing roofs, e.t.c</u>			
119	Carefully remove and dispose by specialist existing Corrugated Asbestors Cement roof covering	m2	1
120	Carefully take out and remove damaged existing corrugated / concrete tiles / IBR / Heavy tile roofing sheet	m2	1
121	Carefully take out and remove damaged existing timber roof trusses and make good brickwork to receive new roof trusses (New roof trusses elsewhere measured)	m2	1
122	Carefully take out and remove existing concrete roof tiles and make good trusses to receive new roof covering	m2	1
123	Carefully take out and remove existing industrial roofing sheeting and make good trusses to receive new roof covering (Rate to include removal of industrial ceilings)	m2	1
124	Carefully cut and remove broken or damaged fibre fascia/bargeboards not exceeding 300mm wide and make good works disturbed (replacement elsewhere measured)	m	1
125	Carefully cut and remove broken or damaged metal roof valley/gutter not exceeding 600mm wide and replace with matching profile, make water tight and paint to match existing	m	1
<u>Taking down and removing ceilings, e.t.c</u>			
126	Carefully remove damaged portions of existing gypsum ceiling boards including removal of damaged brandering and cornices and prepare existing to receive new (New boards elsewhere measured)	m2	1
127	Mirror, size 600 x 600mm	No	1
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 1			
Alterations (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 2</u>			
	<u>EARTHWORKS (PROVISIONAL)</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Nature of ground</u>			
	Use "assumed to be" if no trial holes, soils investigations, etc have been carried out - discuss with engineer. Use "Trial holes indicate that" where the ground has been investigated by means of trial holes			
	<u>Nature of ground</u>			
	A soils investigation has been carried out on site by the engineer and the report is annexed to these bills of quantities. Descriptions of excavations shall be deemed to include all ground conditions classifiable as "earth" described in the above report and where conditions of a more difficult character are indicated these are separately measured			
	<u>Carting away of excavated material</u>			
	Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site			
	<u>SITE CLEARANCE ETC</u>			
	<u>Site clearance</u>			
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	1	
2	Stripping average 150mm thick layer of top soil and stockpiling on site	m2	1	
	<u>REMOVAL OF TREES ETC</u>			
	Carried Forward			R
	Section No. 2 Bill No. 2 Earthworks (Provisional)			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>Taking out and removing, grubbing up roots and filling in holes</u>			
3	Tree stump exceeding 200mm and not exceeding 500mm girth	No	1
4	Tree stump exceeding 500mm and not exceeding 1000mm girth	No	1
<u>Cutting down and removing, grubbing up roots and filling in holes</u>			
5	Hedge not exceeding 1000mm high	m	1
6	Hedge exceeding 1000mm and not exceeding 2000mm high	m	1
7	Tree exceeding 200mm and not exceeding 500mm girth	No	1
8	Tree exceeding 500mm and not exceeding 1000mm girth	No	1
<u>BULK EXCAVATION, FILLING, ETC</u>			
<u>User Note:</u>			
This section is given as an alternative option and in the event of it being exercised the excavation, filling, etc other than bulk is to be given under the later section			
<u>Open face excavation in earth over sloping site</u>			
9	Open face excavation	m3	1
<u>Extra over bulk excavation in earth for excavation in</u>			
10	Soft rock	m3	1
11	Hard rock	m3	1
<u>Extra over all excavations for carting away</u>			
12	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	1
Carried Forward			R
Section No. 2 Bill No. 2 Earthworks (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
13	Surplus material from excavations and/or stock piles on site to a dumping site situated approximately 3km from the building site	m3	1
<u>Risk of collapse of excavations</u>			
14	Sides of bulk excavations not exceeding 1,5m deep	m2	1
15	Sides of bulk excavations exceeding 1,5m deep	m2	1
<u>Keeping excavations free of water</u>			
16	Keeping excavations free of all water other than subterranean water		Item
<u>FILLING ETC</u>			
<u>Earth filling obtained from the excavations (not compacted)</u>			
17	In prescribed stock piles on site	m3	1
<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 95% Mod AASHTO density</u>			
18	Over site	m3	1
<u>Selected material supplied by the contractor and compacted to 95% Mod AASHTO maximum density</u>			
19	Over site	m3	1
<u>Compaction of surfaces</u>			
20	Compaction of ground surface under floors etc including scarifying for a depth of 150mm and compacting to 98% Mod AASHTO Density	m3	1
<u>Prescribed density tests on filling</u>			
21	"Modified AASHTO Density" test	No	1
<u>EXCAVATION, FILLING, ETC</u>			
Carried Forward			R
Section No. 2			
Bill No. 2			
Earthworks (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>EXCAVATION, FILLING, ETC OTHER THAN BULK</u>			
<u>Excavation in earth not exceeding 2m deep</u>			
22	Trenches	m3	1
23	Holes	m3	1
24	Trenches and holes for thickening under surface beds etc	m3	1
<u>Extra over bulk excavation in earth for excavation in</u>			
25	Soft rock	m3	1
26	Hard rock	m3	1
<u>Extra over bulk excavation in earth for breaking up and removing</u>			
27	Brickwork	m3	1
28	Unreinforced concrete	m3	1
29	Reinforced concrete	m3	1
<u>Extra over trench and hole excavations in earth for excavation in</u>			
30	Soft rock	m3	1
31	Hard rock	m3	1
<u>Extra over all excavations for carting away</u>			
32	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	1
<u>Risk of collapse of excavations</u>			
33	Sides of trench and hole excavations not exceeding 1,5m deep	m2	1
34	Sides of trench and hole excavations exceeding 1,5m deep	m2	1
Carried Forward			R
Section No. 2			
Bill No. 2			
Earthworks (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>Keeping excavations free of water</u>			
35	Keeping excavations free of all water other than subterranean water	Item	
<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 95% Mod AASHTO density</u>			
36	Under floors, steps, pavings, etc	m3	1
37	Backfilling to trenches, holes, etc	m3	1
<u>Earth filling supplied by the contractor compacted to 95% Mod AASHTO density</u>			
38	Under floors, steps, pavings, etc	m3	1
<u>Coarse river sand filling supplied by the contractor</u>			
39	Under floors etc	m3	1
<u>Garden soil filling obtained from the excavations and/or prescribed stockpiles on site (not compacted)</u>			
40	Over site	m3	1
<u>SOIL POISONING</u>			
<u>Soil insecticide</u>			
41	Under floors etc including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m2	1
42	To bottoms and sides of trenches	m2	1
<u>GRASSING</u>			
<u>Grassing of roots in rows</u>			
43	"Kikuyu" grass over site	m2	1
44	Grass on sports fields	m2	1
Carried Forward			R
Section No. 2			
Bill No. 2			
Earthworks (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u>			
<u>BILL NO. 3</u>			
<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>			
NOTE : Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
NOTE : Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No 110 for JBCC CPAP purposes			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Cost of tests</u>			
The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the Representative/Agent. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the Engineer. (Test cubes are measured separately)			
<u>Formwork</u>			
Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for re-conditioning as necessary before re-use.			
The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself.			
Carried Forward			R
Section No. 2 Bill No. 3 Concrete, Formwork and Reinforcement			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
Formwork to soffits of solid slabs, etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described			

<u>UNREINFORCED CONCRETE</u>			
<u>15MPa/19mm concrete</u>			
1	Surfaces blinding under footings and bases	m3	1
<u>20MPa/19mm concrete</u>			
2	Strip footings	m3	1
3	Surface beds on waterproofing	m3	1
<u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
<u>25MPa/19mm concrete</u>			
4	Surface blinding under footings and bases	m3	1
5	Strip footings	m3	1
6	Surface beds	m3	1
7	Surface beds on waterproofing	m3	1
8	Surface beds cast in panels	m3	1
9	Surface beds cast in panels on waterproofing	m3	1
10	Ramps	m3	1
<u>REINFORCED CONCRETE</u>			
<u>30MPa/19mm concrete</u>			
11	Strip footings	m3	1
Carried Forward			R
Section No. 2 Bill No. 3 Concrete, Formwork and Reinforcement			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
12	Bases	m3	1
13	Foundation beams	m3	1
14	Surface beds on waterproofing	m3	1
15	Surface beds cast in panels	m3	1
16	Surface beds cast in panels on waterproofing	m3	1
<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
<u>30MPa/19mm concrete</u>			
17	Slabs including beams and inverted beams	m3	1
18	Isolated beams	m3	1
19	Stairs including landings, beams and inverted beams	m3	1
20	Columns in foundations (Provisional)	m3	1
21	Columns	m3	1
<u>35MPa/19mm concrete</u>			
22	Slabs including beams and inverted beams	m3	1
23	Isolated beams	m3	1
<u>40MPa/19mm concrete</u>			
24	Slabs including beams and inverted beams	m3	1
25	Isolated beams	m3	1
<u>TEST BLOCKS</u>			
26	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	1
<u>CONCRETE SUNDRIES</u>			
Carried Forward			R
Section No. 2 Bill No. 3 Concrete, Formwork and Reinforcement			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>Finishing top surfaces of concrete smooth with a wood float</u>			
27	Surface beds, slabs, etc	m2	1
<u>Finishing top surfaces of concrete smooth with a steel trowel</u>			
28	Surface beds, slabs, etc	m2	1
<u>Finishing top surfaces of concrete smooth with a power float</u>			
29	Surface beds, slabs, etc	m2	1
<u>ROUGH FORMWORK (DEGREE OF ACCURACY III)</u>			
<u>Rough formwork to sides</u>			
30	Foundation beams (Provisional)	m2	1
31	Rectangular stub columns in foundations (Provisional)	m2	1
32	Rectangular columns in foundations (Provisional)	m2	1
33	Rectangular columns	m2	1
34	Beams	m2	1
<u>Smooth formwork to circular columns</u>			
35	500mm Diameter column 3000m high	No	1
<u>Rough formwork to soffits</u>			
36	Slabs propped up not exceeding 1.5m high	m2	1
<u>Rough formwork to sides and soffits</u>			
37	Beams propped up not exceeding 1.5m high	m2	1
<u>REINFORCEMENT</u>			
<u>REINFORCEMENT (PROVISIONAL)</u>			
Carried Forward			R
Section No. 2			
Bill No. 3			
Concrete, Formwork and Reinforcement			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>Mild steel reinforcement to structural concrete work</u>			
38	40mm Diameter bars	t	1,00
39	32mm Diameter bars	t	1,00
40	25mm Diameter bars	t	1,00
41	20mm Diameter bars	t	1,00
42	16mm Diameter bars	t	1,00
43	12mm Diameter bars	t	1,00
44	10mm Diameter bars	t	1,00
45	8mm Diameter bars	t	1,00
<u>Fabric reinforcement</u>			
46	Type 193 fabric reinforcement in concrete surface beds, slabs, etc	m2	1
47	Type 245 fabric reinforcement in concrete surface beds, slabs, etc	m2	1
48	Type 395 fabric reinforcement in concrete surface beds, slabs, etc	m2	1
49	Type 617 fabric reinforcement in concrete surface beds, slabs, etc	m2	1
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 3			
Concrete, Formwork and Reinforcement			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u>			
<u>BILL NO. 4</u>			
<u>MASONRY</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>BRICKWORK</u>			
<u>Sizes in descriptions</u>			
Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick			
<u>Hollow walls etc</u>			
Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole.			
Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats "Brixéal" bitumen emulsion waterproofing coating.			
<u>Face bricks</u>			
Bricks shall be ordered timeously to obtain uniformity in size and colour			
<u>Pointing</u>			
Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc			
<u>BLOCKWORK</u>			
Carried Forward			R
Section No. 2 Bill No. 4 Masonry PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

<p style="text-align: center;">Brought Forward</p> <p><u>Concrete masonry units</u></p> <p>Blocks are to be either solid or hollow modular dense concrete masonry units having a compressive strength of 7 MPa</p> <p><u>Wall ties for blockwork</u></p> <p>Wall ties shall be polypropylene "Permaties" complying with BS 76377. Ties for hollow walls shall be of sufficient length to allow not less than 75mm of each end to be built into the blockwork. Ties are to be spaced at intervals of not more than 1m in the horizontal direction and not more than 400mm staggered in the vertical direction except at openings, vertical joints or ends of walls where they are to be placed vertically above each other</p> <p><u>Blockwork</u></p> <p>Blockwork shall comply with SABS 0145 "Concrete Masonry Construction"</p> <p>Surfaces to be plastered shall have joints raked out to a depth of at least 10mm to provide a key. Cavities of hollow walls shall be kept free of mortar droppings or other undesirable matter. Every second perpend of the bottom course of the external skin of hollow walls shall be left open as a weep hole</p> <p><u>Standard complementary blocks</u></p> <p>Descriptions of blockwork shall be deemed to include standard complementary blocks such as corner, three-quarter, half and quarter blocks required in the construction of corners, reveals, jambs, ends, etc to solid and hollow walls and for bonding as necessary</p> <p><u>DECORATIVE BLOCKS</u></p> <p>Blocks shall be of approved manufacture, sound, well burnt or cured and uniform and true in size, shape and colour</p>		R
<p style="text-align: center;">Carried Forward</p> <p>Section No. 2 Bill No. 4 Masonry</p> <p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>		R

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>SAMPLES</u>			
Samples of all masonry building units, except those for walls described as "load bearing", shall consist of a minimum of 6 units. Samples of building units to be used in walls described as "load bearing" shall consist of 30 units from every 30 000 units delivered to site			
<u>FOUNDATIONS</u>			
<u>Brickwork of NFP bricks in class II mortar</u>			
1	Piers	m3	1
2	Half brick walls	m2	1
3	Half brick walls in beamfilling	m2	1
4	One brick walls	m2	1
<u>SUPERSTRUCTURE</u>			
<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class I mortar</u>			
5	Piers	m3	1
6	Mass brick walls	m3	1
7	Half brick walls	m2	1
8	Half brick walls circular on plan	m2	1
9	Half brick walls against existing surfaces	m2	1
10	Half brick walls against waterproofing	m2	1
11	Half brick walls against waterproofing circular on plan	m2	1
12	Half brick walls in beamfilling	m2	1
13	Half brick walls in beamfilling circular on plan	m2	1
14	One brick walls	m2	1
Carried Forward			R
Section No. 2 Bill No. 4 Masonry			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
15	One brick walls circular on plan	m2	1
16	One brick walls against existing surfaces	m2	1
17	One brick walls in beamfilling	m2	1
18	One brick walls in beamfilling circular on plan	m2	1
19	One and half brick walls	m2	1
20	One and half brick walls circular on plan	m2	1
21	One and half brick walls against existing surfaces	m2	1
22	Brick-on-edge header course sill laid sloping and slightly projecting	m	1
<u>BRICKWORK SUNDRIES</u>			
<u>Joint forming material in movement joints</u>			
23	10mm Bitumen impregnated soft board built in vertically between / through brick skins	m2	1
<u>Brickwork reinforcement</u>			
24	75mm Wide reinforcement built in horizontally	m	1
25	75mm Wide reinforcement built in horizontally circular on plan	m	1
26	150mm Wide reinforcement built in horizontally	m	1
27	150mm Wide reinforcement built in horizontally circular on plan	m	1
28	230mm Wide reinforcement built in horizontally	m	1
<u>Galvanised hoop iron cramps, ties, etc</u>			
29	30 x 1,6mm Wall tie 500mm long with one end shot pinned to concrete and other end built into brickwork	No	1
<u>FACE BRICKWORK</u>			
Carried Forward			R
Section No. 2			
Bill No. 4			
Masonry			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>Face bricks pointed with recessed horizontal and vertical joints to match existing (PC Sum R5 500.00/1000 delivered to site)</u>			
30	Extra over brickwork for face brickwork	m2	1
31	Extra over brickwork for face brickwork circular on plan.	m2	1
32	Extra over brick-on-edge header course sill laid sloping and slightly projecting	m	1
33	Extra over brick-on-edge header course lintel	m	1
34	Cutting toothings and bonding new face brickwork to existing	m2	1
<u>QUARRY TILES</u>			
<u>15mm x 150mm wide quarry tiles on brickwork with continuous joints in both directions and pointed on all exposed surfaces</u>			
35	Carefully remove and set aside for re-use quarry tiles sill and prepare surface to receive new (New quarry tiles elsewhere measured)	m	1
36	Carefully cut out and remove damaged quarry tiles sill and prepare surface to receive new (New quarry tiles elsewhere measured)	m	1
37	150mm Wide sill tiles set flat and slightly projecting	m	1
38	Fix only removed 150mm Wide sill tiles set flat and slightly projecting	m	1
<u>NUTEC-CEMENT/FIBRE-CEMENT WINDOW SILLS</u>			
<u>Natural grey sills in single lengths bedded in class I mortar including metal fixing lugs etc</u>			
39	Carefully cut out and remove damaged sections of fibre cement sill and prepare surface to receive new (New fibre cement tiles elsewhere measured)	m	1
40	15mm x150mm Wide sills set flat and slightly projecting	m	1
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 4			
Masonry			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 5</u>			
	<u>WATERPROOFING</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Waterproofing</u>			
	Waterproofing of roofs, basements, etc shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs			
	<u>DAMP-PROOFING OF WALLS AND FLOORS</u>			
	<u>One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course</u>			
1	110mm In walls	m	1	
2	230mm In walls	m	1	
	<u>One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"</u>			
3	Under surface beds, ramps, pavings, steps e.t.c	m2	1	
	<u>WATERPROOFING TO ROOFS, BASEMENTS, ETC</u>			
	<u>Two layers 4mm "Derbigum SP" fully bonded waterproofing including turn-ups and turn-downs at edges well jointed to existing.</u>			
4	On flat floors	m2	1	
5	On walls	m2	1	
6	On bottoms and sides of floor ducts, channels, etc	m2	1	
	Carried Forward			R
	Section No. 2 Bill No. 5 Waterproofing			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
7	On bottoms and sides of box gutters	m2	1
8	On bottoms and sides of planter boxes	m2	1
9	Flashing strip not exceeding 300mm girth at turn-ups including sealing top edge into groove with mastic	m	1
<u>PROTECTIVE STONE DRESSING</u>			
<u>25mm Crushed stone dressing evenly spread with larger stones around outlets</u>			
10	50mm Thick on waterproofing to flat roofs	m2	1
<u>20mm River stone pebble dressing evenly spread with larger stones around outlets</u>			
11	50mm Thick on waterproofing to flat roofs	m2	1
<u>PROTECTIVE ROOFING PAINT</u>			
<u>Two coats "Silvakote" bituminous aluminium paint</u>			
12	On waterproofing to roofs	m2	1
13	On waterproofing to box gutters	m2	1
<u>JOINT SEALANTS ETC</u>			
<u>Fosroc Thioflex 600 two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u>			
14	10 x 10mm in vertical/horizontal expansion joints in concrete work/brickwork	m	1
15	10 x 10mm in vertical/horizontal expansion joints in concrete work/brickwork including raking out existing expansion joint filler as necessary	m	1
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 5			
Waterproofing			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 6</u>			
	<u>ROOF COVERINGS ETC</u>			
	<u>PROFILED METAL SHEETING AND ACCESSORIES</u>			
	<u>0,6mm Corrugated Z275 spelter galvanised sheet steel or similar to match existing profile fixed to timber/steel purlins or rails</u>			
1	Roof covering with pitch not exceeding 25 degrees	m2	1	
2	Side cladding	m2	1	
3	Ridge capping 450mm girth	m	1	
4	Hip capping 450mm girth	m	1	
5	Side wall flashing 450mm girth	m	1	
6	Head wall flashing 450mm girth	m	1	
7	Gable trim 250mm girth	m	1	
8	Apex flashing 450mm girth	m	1	
	<u>0,6mm "IBR" or similar to match existing Z275 spelter galvanised ribbed sheet steel in single lengths fixed to timber/steel purlins or rails.</u>			
9	Roof covering with pitch not exceeding 25 degrees	m2	1	
10	Side cladding	m2	1	
11	Ridge capping 450mm girth	m	1	
12	Hip capping 450mm girth	m	1	
13	Side wall flashing 450mm girth	m	1	
14	Head wall flashing 450mm girth	m	1	
	Carried Forward			R
	Section No. 2 Bill No. 6 Roof Coverings			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
15	Gable trim 250mm girth	m	1
16	Apex flashing 450mm girth	m	1
<p><u>Klip-Tite 0.68mm thick chromadek roof sheets inclusive of K1700 Clips, 16 x 45mm Water head screws for steel, 4mm Alucushion Double sided, Double Sided Tape, Straining wire PVC 25kg fixed to steel purlins in accordance with manufacturer's instructions. (The final thickness of the roof is subject to Engineer's recommendations)</u></p>			
17	Roof covering with pitch not exceeding 25 degrees	m2	1
18	Ridge capping 550mm girth 3 (three) times bent and notched on site to suit roof profile	m	1
19	Hip capping 550mm girth 3 (three) times bent and notched on site to suit roof profile	m	1
20	Side wall flashing 462mm girth 2 (two) times bent and notched on site to suit roof profile	m	1
21	Head wall flashing 462mm girth 2 (two) times bent and notched on site to suit roof profile	m	1
22	Apex flashing 660mm girth 3 (three) times bent and notched on site to suit roof profile	m	1
23	Barge flashing 660mm girth 3 (three) times bent and notched on site to suit roof profile	m	1
24	Counter flashing 185mm girth 3 (three) times bent	m	1
25	Narrow and broad flute closers 700mm girth	m	1
<p><u>ROOF AND WALL INSULATION</u></p>			
<p><u>"Sisalation FR430" fire retardant aluminium foil insulation</u></p>			
26	Industrial insulation laid taut over purlins (at approximately 1 200mm centres) and fixed concurrent with roof covering including galvanised steel straining wires	m2	1
Carried Forward			R
<p>Section No. 2 Bill No. 6 Roof Coverings</p> <p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward			R
27	<p><u>"Isoboard" high density 32-36kg/m3 rigid extruded polystyrene 100% closed cell insulation boarding and tight butt joints</u></p> <p>70mm Thick insulation laid taut over purlins (at approximately 1 200mm centres) and fixed concurrent with roof covering including galvanised steel straining wires</p>	m2	1	
	Carried Forward to Summary of Section No. 2			R
	<p>Section No. 2 Bill No. 6 Roof Coverings</p> <p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 7</u>			
	<u>CARPENTRY AND JOINERY</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Particle board:</u>			
	Particle board shall comply with the following specifications:			
	a) SABS 1300 Particle board: exterior and flooring type			
	b) SABS 1301 Particle board: interior type			
	<u>Joinery:</u>			
	Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc			
	Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes			
	<u>Fixing</u>			
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete			
	<u>Decorative laminate finish:</u>			
	Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish			
	<u>EAVES , VERGES , ETC</u>			
	<u>"Everite" pressed nutec-cement</u>			
1	12 x 225mm Fascias and barge boards including galvanised steel H-profile jointing strips	m	1	
	Carried Forward			R
	Section No. 2 Bill No. 7 Carpentry and Joinery			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

		Brought Forward		R
<u>SKIRTINGS</u>				
<u>Wrought meranti</u>				
2	19 x 76mm Skirting including 19mm quadrant bead nailed	m	1	
<u>DOORS ETC</u>				
<u>Wrought meranti</u>				
3	Meranti framed batten external single door (PC R 2200.00/No)	No	1	
4	Meranti framed batten external double door (PC R4 250.00/No)	No	1	
5	Approved timber framed glazed single door (PC R4650.00/No)	No	1	
6	Approved timber framed glazed double door (PC R7250.00/No)	No	1	
7	Approved solid core flush single door (PC R2650.00/No)	No	1	
8	Approved solid core flush double door (PC R4850.00/No)	No	1	
9	Approved semi-solid core flush single door (PC R1 650.00/No)	No	1	
10	Approved semi-solid core flush double door (PC R3800.00/No)	No	1	
11	Approved Hollow core flush single door (PC R650.00/No)	No	1	
12	Approved hollow core flush double door (PC R1550.00/No)	No	1	
<u>FITTINGS</u>				
		Carried Forward		R
Section No. 2 Bill No. 7 Carpentry and Joinery PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK				

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward		R
<u>General</u>		
The following cupboard fittings have been measured as complete units i.e. the components of the units have not been separately measured. The descriptions, therefore, of such units shall be deemed to include all components, assembling, housing, notching, glueing, blocking, planting on and screwing with countersunk screws, edge strips, decorative plastic finish, glass, ironmongery, metalwork, paint or varnish finishes, etc (refer Architect's drawings as attached to the back of these Bills of Quantities)		
<u>Fittings to Classroom Store</u>		
13	Shelving 350mm wide made up of 25mm thick hardwood top and 250 x 250mm high triangular mild steel brackets bolted to wall complete with paint and varnish	m 1
<u>ROOFS ETC</u>		
<u>Plate nailed timber roof truss construction</u>		
14	Truss construction to double pitched roof with hipped or gable ends and 2100mm high extreme including wall plates, trusses, jack rafters, permanent bracing including 38 x 38mm purlins/battens at not exceeding 300mm centres for concrete roof tile covering	m2 1
15	Truss construction to double pitched roof with hipped or gable ends and 2100mm high extreme including wall plates, trusses, jack rafters, permanent bracing including 38 x 52mm purlins/battens at not exceeding 900mm centres for corrugated roofing sheets	m2 1
16	Truss construction to double pitched roof with hipped or gable ends and 2100mm high extreme including wall plates, trusses, jack rafters, permanent bracing including 38 x 52mm purlins/battens at not exceeding 1500mm centres for IBR roofing sheets	m2 1
<u>Sawn softwood</u>		
17	38 x 76mm Wall plates	m 1
18	38 x 114mm Wall plates	m 1
Carried Forward		R
Section No. 2 Bill No. 7 Carpentry and Joinery		
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>Sawn softwood grade 4</u>			
19	38 x 76mm Runners (Provisional)	m	1
20	50 x 76mm Runners (Provisional)	m	1
21	38 x 114mm Cross bracing (Provisional)	m	1
22	50 x 152mm Geyser bearers on truss tie beams	m	1
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 7			
Carpentry and Joinery			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 8</u>			
	<u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Descriptions:</u>			
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete			
	Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere			
	<u>CEILINGS ETC</u>			
	<u>"Aerolite" insulation</u>			
1	75mm Insulation closely fitted and laid on top of branderling between roof timbers etc	m2	1	
	<u>NAILED UP CEILINGS</u>			
	<u>6,4mm "Rhino" gypsum plasterboard with H-type pressed steel jointing strips</u>			
2	Ceilings including 38 x 38mm sawn softwood branderling at 400mm centres	m2	1	
3	Sloping ceilings including 38 x 38mm sawn softwood branderling at 400mm centres	m2	1	
4	Extra over ceiling for 650 x 650mm trap door of 38 x 50mm wrought softwood rebated framing with one 38 x 50mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	1	
	Carried Forward			R
	Section No. 2 Bill No. 8 Ceilings, Partitions and Access Flooring			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 9</u>			
	<u>IRONMONGERY</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Finishes to ironmongery</u>			
	Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated SC Satin chromium plated SE Silver enamelled GE Grey enamelled AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded			
	<u>IRONMONGERY</u>			
	<u>HINGES, BOLTS, ETC</u>			
	<u>New Ironmongery fittings, supply and install to be similar and or approved</u>			
1	Door hinges	No	1	
2	Single action floor spring hinges	No	1	
3	Double action floor spring hinges	No	1	
4	Barrel bolt with keep fixed to metal/concrete	No	1	
5	Flush bolt with keep fixed to metal/concrete	No	1	
6	WC indicator bolt with keep fixed to metal/concrete	No	1	
7	Panic bolt for single door with one keep let into concrete	No	1	
8	Panic bolt for double door with one keep let into concrete	No	1	
	<u>LOCKS</u>			
	Carried Forward			R
	Section No. 2 Bill No. 9 Ironmongery			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>New Ironmongery fittings, supply and install to be similar and or approved</u>			
9	Padlock	No	1
10	Night latch	No	1
11	Bathroom lockset	No	1
12	Three lever deadlock	No	1
13	Four lever deadlock	No	1
14	Two lever lockset	No	1
15	Three lever lockset	No	1
16	Four lever lockset	No	1
17	Single cylinder lockset	No	1
18	Double cylinder lockset	No	1
<u>HANDLES</u>			
<u>New Ironmongery fittings, supply and install to be similar and or approved</u>			
19	Door flush handle	No	1
20	Door knob	No	1
21	Door pull handle	No	1
22	Set of two door pull handles fixed back to back	No	1
<u>PUSH PLATES AND KICKING PLATES</u>			
<u>New Ironmongery fittings, supply and install to be similar and or approved</u>			
23	Aluminium plates not exceeding 0,1m2	No	1
24	Aluminium plates exceeding 0,1m2 but not exceeding 0,3m2	No	1
Carried Forward			R
Section No. 2 Bill No. 9 Ironmongery			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
25	Aluminium plates exceeding 0,3m2 but not exceeding 0,5m2	No	1
<u>DOOR CLOSERS</u>			
<u>New Ironmongery fittings, supply and install to be similar and or approved</u>			
26	Door closer	No	1
27	Door closer with bracket	No	1
28	Concealed door closer	No	1
29	Concealed door closer with bracket	No	1
<u>LETTERS, NAMEPLATES, ETC</u>			
<u>New Ironmongery fittings, supply and install to be similar and or approved</u>			
30	Brass or plastic letters/numerals	No	1
31	Perspex plate with engraved or painted letters/numerals/symbols not exceeding 0,1m2	No	1
32	Aluminium plate with engraved or painted letters/numerals/symbols not exceeding 0,1m2	No	1
<u>BATHROOM FITTINGS</u>			
<u>New Ironmongery fittings, supply and install to be similar and or approved</u>			
33	Chromium plated curtain or hanging rail not exceeding 1,0m long	No	1
34	Chromium plated curtain or hanging rail exceeding 1,0m but not exceeding 2,0m long	No	1
35	Chromium plated towel rail not exceeding 1,0m long	No	1
36	Toilet roll holder	No	1
37	Lockable toilet roll holder	No	1
Carried Forward			R
Section No. 2 Bill No. 9 Ironmongery			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
38	Soap holder	No	1
39	Back grab rail not exceeding 1,0m long	No	1
40	Side grab rail not exceeding 1,0m girth	No	1
41	Bathroom cabinet	No	1
42	Soap dispenser	No	1
43	Electric hand-drier	No	1
<u>SUNDRIES</u>			
<u>New Ironmongery fittings, supply and install to be similar and or approved</u>			
44	Rubber door stop	No	1
<u>WRITING BOARDS, PINNING BOARD, ETC</u>			
<u>"Parrot products"</u>			
45	"BD0476" 2 400 x 1 200mm Aluminium framed carpet bulletin board	No	1
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 9			
Ironmongery			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 10</u>			
	<u>METALWORK</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Descriptions</u>			
	Descriptions of bolts shall be deemed to include nuts and washers			
	Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete			
	Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described			
	<u>WELDED SCREENS, GATES, ETC</u>			
	<u>Steel gates and frames</u>			
1	Single gate and frame 965 x 2 067mm high overall, the outer frame of 45 x 45 x 3mm hollow section bolted to wall with and including eight 70mm M80 expansion bolts and the gate 813 x 2 032mm high of 40 x 60 x 2mm hollow section frame with two 40 x 6mm flat section horizontal rails filled in with 20mm diameter vertical rails at 110mm centres fitted with one and a half pairs of suitable pin hinges welded to hollow section steel frame, complete with and including 150mm barrelbolt and padlock	No	1	
	<u>PRESSED STEEL DOOR FRAMES</u>			
	<u>1,2mm Double rebated frames suitable for half brick walls</u>			
2	Frame for door 813 x 2 032mm high	No	1	
	Carried Forward			R
	Section No. 2 Bill No. 10 Metalwork			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward			R
	<u>1,2mm Double rebated frames suitable for one brick walls</u>			
3	Frame for door 813 x 2 032mm high	No	1	
	<u>INDUSTRIAL DOORS, ETC</u>			
4	Supply and install industrial roller shutter door complete with its ironmongery size not exceeding 5m2	No	1	
	Carried Forward to Summary of Section No. 2			R
	Section No. 2			
	Bill No. 10			
	Metalwork			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 11</u>			
	<u>PLASTERING</u>			
	<u>SCREEDS</u>			
	<u>Cement plaster screeds wood floated on concrete</u>			
1	50mm Thick Average on floors and landings	m2	1	
	<u>Cement plaster screeds steel trowelled on concrete</u>			
2	50mm Thick Average on floors and landings	m2	1	
	<u>GRANOLITHIC</u>			
	<u>Untinted granolithic on concrete</u>			
3	50mm Thick Average on floors and landings	m2	1	
	<u>Tinted granolithic on concrete</u>			
4	50mm Thick Average on floors and landings	m2	1	
	<u>INTERNAL PLASTER</u>			
	<u>Cement plaster on brickwork/concrete</u>			
5	One coat cement plaster on walls or concrete	m2	1	
	<u>Sundries</u>			
6	Apply one coat rhinolite plaster to smoothen rough surfaces of plaster and prepare surface to receive painting. (Painting elsewhere measured)	m2	1	
	<u>Cement plaster on brickwork / concrete</u>			
7	One coat cement plaster on walls or concrete	m2	1	
	Carried Forward			R
	Section No. 2 Bill No. 11 Plastering			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward			R
	<u>Sundries</u>			
8	Apply one coat poly-filler to smoothen rough surfaces of plaster and prepare surface to receive painting. (Painting elsewhere measured)	m2	1	
	Carried Forward to Summary of Section No. 2			R
	Section No. 2			
	Bill No. 11			
	Plastering			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 12</u>			
	<u>TILING</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Descriptions</u>			
	Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding			
	<u>WALL TILING</u>			
	<u>Tiles supplied by Tile Africa or similar approved</u>			
	<u>Ceramic tile (PC Amount R150.00/m2)</u>			
1	On walls	m2	1	
2	On narrow widths	m2	1	
	<u>FLOOR TILING</u>			
	<u>Ceramic tile (PC Amount R200.00/m2)</u>			
3	On floors and landings	m2	1	
4	100mm High skirting	m	1	
	<u>Porcelain tile (PC Amount R 250.00/m2)</u>			
5	On floors and landings	m2	1	
6	100mm High skirting	m	1	
	Carried Forward			R
	Section No. 2 Bill No. 12 Tiling			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u>			
<u>BILL NO. 13</u>			
<u>PLUMBING AND DRAINAGE</u>			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>"Polycop" polypropylene pipes:</u>			
Polypropylene pipes 54mm diameter and under shall be seamless copper coloured class 16 pipes jointed with "Fast-fuse" heat welded thermoplastic or brass compression fittings as designed for use with copper pipes as stated			
Pipes shall be firmly fixed to walls etc with coloured nylon snap-in pipe clips with provision for accommodating thermal movement and jointed and fixed strictly in accordance with the manufacturer's instructions			
All pipe diameters are nominal external			
<u>"Polylink" polypropylene pipes:</u>			
Polypropylene pipes 63mm diameter and over shall be class 12 pipes jointed with cast iron "Supraclamp" running joints			
Fusion welded bends, once or twice mitred as necessary, and tees shall be factory manufactured			
Fusion welded bends and tees shall include jointing to pipes with PVC rubber ring double Z joint couplers			
Branch tees shall include flanged and bolted joints to "Polycop" branch pipes in addition and for brass compression male iron to copper straight couplers			
Reducers shall include jointing to pipes with PVC rubber ring double Z joint couplers and reducers shall be of sufficient overall length to accommodate same			
Carried Forward			R
Section No. 2 Bill No. 13 Plumbing and Drainage (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward	R
<p>All pipes shall be jointed and fixed strictly in accordance with the manufacturer's instructions</p> <p>All pipe diameters are nominal external</p> <p><u>Concrete pipes:</u></p> <p>Pipes shall be jointed with ogee joints with rubber collars or socket and spigot joints with rubber rings</p> <p><u>Vitrified clay pipes:</u></p> <p>Pipes shall rest on solid ground and, where necessary, pockets of sufficient size shall be cut around joints to enable the jointing to be properly performed or, alternatively, pipes shall be bedded full length on and including unreinforced concrete laid in a semi-dry state immediately before pipes are laid</p> <p>Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings</p> <p><u>uPVC pipes and fittings:</u></p> <p>Soil, waste and vent pipes and fittings shall be solvent weld jointed</p> <p><u>uPVC pressure pipes and fittings:</u></p> <p>Pipes for water supply shall be of the class stated</p> <p>Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings</p> <p>Pipes of 50mm diameter and greater shall have sockets and spigots with push in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints</p>	
Carried Forward	R
<p>Section No. 2 Bill No. 13 Plumbing and Drainage (Provisional)</p> <p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>	

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward	R
<p><u>Copper pipes:</u></p> <p>Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or in ground</p> <p><u>Fixing of pipes</u></p> <p>Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls etc, casting in, building in or suspending not exceeding 1m below suspension level</p> <p><u>Lead pipes and fittings</u></p> <p>All soldered joints shall be wiped and brass unions shall be used for jointing lead to steel</p> <p><u>Reducing fittings</u></p> <p>Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained</p> <p><u>Wire gratings</u></p> <p>Descriptions of gutter outlets etc shall be deemed to include wire balloon gratings</p>	
Carried Forward	R
<p>Section No. 2 Bill No. 13 Plumbing and Drainage (Provisional)</p> <p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>	

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

<p style="text-align: center;">Brought Forward</p> <p><u>Septic tanks</u></p> <p>Descriptions of septic tanks shall be deemed to include excavation, bedding and jointing, concrete base slabs, jointing to drains and backfilling, compaction, etc all in accordance with the manufacturer's instructions</p> <p><u>Exposed concrete surfaces</u></p> <p>Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gully tops, cleaning eye tops, catchpits, inspection chambers, etc shall be finished smooth with plaster</p> <p><u>Excavations</u></p> <p>No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling</p> <p>"Soft rock" and "hard rock" shall be as defined in "Earthworks"</p> <p><u>Laying, backfilling, bedding, etc. of pipes</u></p> <p>Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions</p> <p>Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following: SABS 1200 L : Medium-pressure pipelines LD : Sewers LE : Stormwater drainage Pipe trenches etc shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200 DB : Earthworks (Pipe trenches) Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200 LB : Bedding (Pipes). Unless otherwise described bedding of rigid pipes shall be class B bedding</p> <p><u>Flush pans</u></p> <p>Flush pans shall have straight or side outlets and "P" or "S" traps as necessary</p>		R
<p style="text-align: center;">Carried Forward</p> <p>Section No. 2 Bill No. 13 Plumbing and Drainage (Provisional)</p> <p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>		R

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward			R
	<u>Stainless steel basins, sinks, wash troughs, urinals, etc.</u>			
	Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable			
	<u>Waste unions</u>			
	Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings			
	<u>Steel sectional water tanks</u>			
	Tanks shall comply with SABS CKS 114			
	<u>"Densyl" petrolatum anti-corrosion tape as manufactured by Denso SA (Pty) Ltd.</u>			
	Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied with minimum 15mm lap per spiral unless otherwise described			
	Couplings and fittings to pipes shall be taped in strict accordance with the manufacturer's instructions including all mastic, tape, "Layflat" sheeting, securing of same, etc			
	<u>RAINWATER DISPOSAL</u>			
	<u>0.6mm Galvanised sheet iron with chromadek finish</u>			
1	100 x 125mm Galvanised gutter fixed to rafter feet	m	1	
2	Extra on 100 x 125mm square gutter for stop ends	No	1	
3	Extra on 100 x 125mm square gutter for outlet to 60mm diameter downpipe	No	1	
4	60mm diameter rainwater downpipe	m	1	
5	Extra on 60mm rainwater downpipe for shoe	No	1	
6	Extra over 60mm rainwater pipe for eaves offset	No	1	
	Carried Forward			R
	Section No. 2 Bill No. 13 Plumbing and Drainage (Provisional)			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>"Fullbore" cast iron outlets</u>			
7	76mm diameter 90 Degree side outlet	No	1
<u>Sundries</u>			
8	50mm diameter x 300mm long galvanised mild steel spout	No	1
<u>SANITARY FITTINGS (to be similar or approved)</u>			
<u>New sanitary fittings, to be similar or approved, etc including connecting pipes to fittings and making good floor and wall finishes</u>			
9	Stainless steel wash hand basin	No	1
10	Stainless steel sink and drainer	No	1
11	Wash hand basin	No	1
12	Wash hand basin on pedestal.	No	1
13	Pedestal only	No	1
14	WC pan only	No	1
15	WC pan with cistern	No	1
16	WC pan with flush valve	No	1
17	Cistern and internal flushing mechanism	No	1
18	Cistern only	No	1
19	Cistern internal flushing mechanism only	No	1
20	WC seat and cover	No	1
21	WC pan connector	No	1
22	Wall hung urinal with flush valve	No	1
23	Wall hung urinal only	No	1
Carried Forward			R
Section No. 2			
Bill No. 13			
Plumbing and Drainage (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
24	Urinal flush valve	No	1
<u>WASTE UNIONS ETC</u>			
25	32mm Bath overflow	No	1
26	32mm Basin waste	No	1
27	32mm waste	No	1
28	38mm Bath or sink waste	No	1
<u>TRAPS ETC</u>			
<u>"Marley" or Similar approved</u>			
29	32mm Reseal "P" or "S" trap	No	1
30	40mm Bath trap complete with overflow outlet and pipe	No	1
31	40 x 300mm Sink combination for double bowl with deepseal "P" trap	No	1
<u>"Vulcathene" or Similar approved</u>			
32	40mm Anti-vac bottle trap	No	1
<u>"Approved" Chromium plated</u>			
33	40mm Chrome plated Bottle trap	No	1
<u>"Cobra Watertech" or Similar approved</u>			
34	75mm Chrome Plated hinged urinal domical grating	No	1
<u>Brass</u>			
35	Stopcock	No	1
36	Fullway gate valve	No	1
37	Bibcock with hose union	No	1
38	Non-return valve	No	1
Carried Forward			R
Section No. 2			
Bill No. 13			
Plumbing and Drainage (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>"Cobra Watertech" or Similar approved</u>			
39	Chrome Plated angle regulating valve	No	1
40	Chrome Plated stopcock	No	1
41	Chrome Plated "Star" underwall pattern stopcock	No	1
42	Fullway gate valve	No	1
43	Bibcock	No	1
44	Bibcock with hose union	No	1
45	Chrome Plated bibcock	No	1
46	Chrome Plated pillarcock	No	1
47	Chrome Plated single taphole basin mixer	No	1
48	Chrome Plated sink mixer	No	1
49	Chrome Plated bath mixer	No	1
50	Chrome Plated bath mixer with hand shower	No	1
51	Chrome Plated shower mixer	No	1
52	Chrome Plated bath spout	No	1
53	Chrome Plated shower rose	No	1
54	Chrome Plated overhead shower arm	No	1
55	In-line strainer	No	1
56	Chrome Plated fullway ballcock	No	1
57	Fullway ballcock	No	1
58	PB1.10RB vacuum breaker	No	1
59	PA1.1RB "Kwikflo" 400 kPa pressure reducing valve	No	1
Carried Forward			R
Section No. 2			
Bill No. 13			
Plumbing and Drainage (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

			Brought Forward	R
60	"Flushmaster Junior" toilet flush valve	No	1	
61	"Flushmaster Junior" urinal flush valve	No	1	
62	"Flushmaster" toilet flush valve	No	1	
<u>SANITARY PLUMBING</u>				
<u>uPVC Pipes</u>				
63	40mm Diameter pipes	m	1	
64	50mm Diameter pipes	m	1	
65	110mm Diameter pipes	m	1	
<u>Extra over for uPVC for fittings</u>				
66	40mm Bend	No	1	
67	50mm Bend	No	1	
68	110mm Bend	No	1	
69	40mm Junction	No	1	
70	50mm Junction	No	1	
71	110mm Junction	No	1	
72	40mm Inspection junction	No	1	
73	50mm Inspection junction	No	1	
74	110mm Inspection junction	No	1	
75	50mm Reducing junction	No	1	
76	110mm Reducing junction	No	1	
77	110mm Pan connector	No	1	
78	110mm "GI Two way" vent valve	No	1	
			Carried Forward	R
Section No. 2				
Bill No. 13				
Plumbing and Drainage (Provisional)				
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK				

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
79	50mm "GI Two way" vent valve	No	1
<u>HOT AND COLD WATER SERVICES</u>			
<u>Class 1 copper (hard drawn) pipes</u>			
80	15mm Pipes to walls, etc	m	1
81	22mm Pipes to walls, etc	m	1
82	28mm Pipes to walls, etc	m	1
83	35mm Pipes to walls, etc	m	1
<u>Extra over class 1 copper (hard drawn) pipes for capillary fittings</u>			
84	15mm Fittings	No	1
85	22mm Fittings	No	1
86	28mm Fittings	No	1
87	35mm Reducer	No	1
88	35mm Elbow	No	1
89	35mm Tee	No	1
<u>Precast concrete</u>			
90	Precast concrete gulley, overall size 430 x 440mm, bedded and jointed in Class II motar and pointed on all exposed faces.	No	1
<u>TESTING</u>			
91	Testing water pipe system		Item
92	Testing sewer/waste pipe system		Item
Carried Forward			R
Section No. 2			
Bill No. 13			
Plumbing and Drainage (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

		Brought Forward		R
	<u>FIRE APPLIANCES ETC</u>			
93	"Everyway" hose reel complete with 30m rubber hose, chromium plated stopcock, shut-off nozzle and wall bracket	No	1	
94	4.5kg Dry chemical fire extinguisher	No	1	
95	9kg Dry chemical fire extinguisher	No	1	
	Carried Forward to Summary of Section No. 2			R
	Section No. 2			
	Bill No. 13			
	Plumbing and Drainage (Provisional)			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 14</u>			
	<u>GLAZING</u>			
	<u>GLAZING TO METAL / WOOD WITH PUTTY OR BEADS</u>			
	<u>6mm Clear toughened safety glass</u>			
1	Panes not exceeding 0,1 m2	m2	1	
2	Panes exceeding 0,1m2 and not exceeding 0,5m2	m2	1	
3	Panes exceeding 0,5m2 and not exceeding 2m2	m2	1	
4	Panes exceeding 2m2 and not exceeding 4m2	m2	1	
	<u>MIRRORS, ETC</u>			
	<u>New Works</u>			
	<u>6mm Silvered float glass copper backed mirrors with 10 mm bevelled and polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete</u>			
5	Mirror 450 x 450 mm high	No	1	
6	Mirror 450 x 600mm high	No	1	
7	Mirror 450 x 900mm high	No	1	
8	Mirror 450 x 1200mm high	No	1	
9	Mirror 600 x 600mm high	No	1	
10	Mirror 600 x 900mm high	No	1	
11	Mirror 600 x 1200mm high	No	1	
12	Mirror 600 x 1500mm high	No	1	
	Carried Forward to Summary of Section No. 2			R
	Section No. 2			
	Bill No. 14			
	Glazing			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 15</u>			
	<u>PAINTWORK</u>			
	<u>PREPARATORY WORK TO EXISTING WORK</u>			
	<u>Previously painted plastered surfaces</u>			
	Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth			
	<u>Previously painted metal surfaces</u>			
	Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal			
	<u>Previously painted wood surfaces</u>			
	Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth			
	<u>PAINTWORK ETC TO PREVIOUSLY PAINTED WORK</u>			
	Note: All paintwork to be "Dulux" or similar approved product			
	<u>On Floated Plaster</u>			
	<u>Apply two coats of Acrylic PVA emulsion paint on work previously painted</u>			
1	On internal walls	m2	1	
2	On external walls	m2	1	
	Carried Forward			R
	Section No. 2 Bill No. 15 Paintwork			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
3	On ceilings and beams	m2	1
4	On ceilings and cornices	m2	1
5	On fascias and barge boards not exceeding 300 mm girth	m	1
<u>On Smooth Concrete</u>			
<u>Apply two coats of Acrylic PVA emulsion paint on work previously painted</u>			
6	On internal walls	m2	1
7	On external walls	m2	1
8	On ceilings and beams	m2	1
9	On ceilings and cornices	m2	1
<u>On Fair Faced Brickwork</u>			
<u>Apply two coats of Acrylic PVA emulsion paint on work previously painted</u>			
10	On internal walls	m2	1
11	On external walls	m2	1
<u>Prepare and apply two coats brick dressing on</u>			
12	Existing surfaces of face brickwork	m2	1
<u>On Plaster Board</u>			
<u>Apply two coats of Acrylic PVA emulsion paint on work previously painted</u>			
13	On ceilings and cornices	m2	1
14	On fascias and barge boards not exceeding 300 mm girth	m	1
<u>On Fibre-Cement</u>			
Carried Forward			R
Section No. 2			
Bill No. 15			
Paintwork			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>Apply two coats of Acrylic PVA emulsion paint on work previously painted</u>			
15	On ceilings and cornices	m2	1
16	On fascias and barge boards not exceeding 300 mm girth	m	1
<u>On Metal</u>			
<u>Prepare and apply one undercoat and two finishing coats of gloss paint on metalworks</u>			
17	On doors	m2	1
18	On door frames	m2	1
19	On windows (both sides measured flat)	m2	1
20	On windows with burglar bars (both sides measured flat)	m2	1
<u>On Wood</u>			
<u>Prepare and apply one coat wood primer, one undercoat and one finishing coat alkyd enamel paint in colours which have a value of 7 or less on the Munsell system in accordance with SABS 1091</u>			
21	On boarded panelling	m2	1
22	On boarded ceilings	m2	1
23	On doors	m2	1
24	On windows, sash doors and fanlights	m2	1
25	On door frames etc	m2	1
26	On roof timbers at eaves and verges	m2	1
27	On skirtings, rails, etc not exceeding 300 mm girth	m	1
Carried Forward			R
Section No. 2			
Bill No. 15			
Paintwork			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>PAINTWORK ETC TO NEW WORK</u>			
Note: All paintwork to be "Dulux" or similar approved product			
<u>On Floated Plaster</u>			
<u>Prepare and apply one undercoat and two finishing coats of Acrylic PVA emulsion paint to match existing</u>			
28	On internal walls	m2	1
29	On external walls	m2	1
30	On ceilings and beams	m2	1
31	On ceilings and cornices	m2	1
32	On fascias and barge boards not exceeding 300 mm girth	m	1
<u>On Smooth Concrete</u>			
<u>Prepare and apply one undercoat and two finishing coats of Acrylic PVA emulsion paint to match existing</u>			
33	On internal walls	m2	1
34	On external walls	m2	1
35	On ceilings and beams	m2	1
36	On ceilings and cornices	m2	1
<u>On Fair Faced Brickwork</u>			
<u>Prepare and apply one undercoat and two finishing coats of Acrylic PVA emulsion paint to match existing</u>			
37	On internal walls	m2	1
38	On external walls	m2	1
Carried Forward			R
Section No. 2			
Bill No. 15			
Paintwork			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>Prepare and apply "Drikote Sealer" or similar approved clear sealing compound in accordance with manufacturer's instructions on:</u>			
39	Surfaces of face brickwork to match existing	m2	1
<u>On Plaster Board</u>			
<u>Prepare and apply one undercoat and two finishing coats of Acrylic PVA emulsion paint to match existing</u>			
40	On ceilings and cornices	m2	1
41	On fascias and barge boards not exceeding 300 mm girth	m	1
<u>On Fibre-Cement</u>			
<u>Prepare and apply one undercoat and two finishing coats of Acrylic PVA emulsion paint to match existing</u>			
42	On ceilings and cornices	m2	1
43	On fascias and barge boards not exceeding 300 mm girth	m	1
<u>On Metal</u>			
<u>Prepare and apply one undercoat and two finishing coats of gloss paint on metalworks</u>			
44	On doors	m2	1
45	On door frames	m2	1
46	On windows (both sides measured flat)	m2	1
47	On windows with burglar bars (both sides measured flat)	m2	1
<u>On Wood</u>			
Carried Forward			R
Section No. 2			
Bill No. 15			
Paintwork			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
<u>Prepare and apply one coat wood primer, one undercoat and one finishing coat alkyd enamel paint in colours which have a value of 7 or less on the Munsell system in accordance with SABS 1091</u>			
48	On boarded panelling	m2	1
49	On boarded ceilings	m2	1
50	On doors	m2	1
51	On windows, sash doors and fanlights	m2	1
52	On door frames etc	m2	1
53	On roof timbers at eaves and verges	m2	1
54	On skirtings, rails, etc not exceeding 300 mm girth	m	1
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 15			
Paintwork			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Bill No	SECTION SUMMARY - BUILDING WORKS	Page No	Amount
1	Alterations (Provisional)	28	
2	Earthworks (Provisional)	34	
3	Concrete, Formwork and Reinforcement	39	
4	Masonry	44	
5	Waterproofing	46	
6	Roof Coverings	49	
7	Carpentry and Joinery	53	
8	Ceilings, Partitions and Access Flooring	55	
9	Ironmongery	59	
10	Metalwork	61	
11	Plastering	63	
12	Tiling	65	
13	Plumbing and Drainage (Provisional)	76	
14	Glazing	77	
15	Paintwork	83	
	Carried to Final Summary		R
	Section No. 2		
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 1</u>			
	WATER RETICULATION (PROVISIONAL)			
	STANDARD PREAMBLES			
	The contractor is referred to the Model Preambles for Trades (2008 edition) as issued the Association of South African Quantity Surveyors before pricing this bill			
	WATER SUPPLIES			
	HDPE Type PE100 PN12.5 pipes to comply with SABS ISO 4427 (in minimum 12m lengths) with butt-welded joints			
1	40mm Pipes laid in and including trenches not exceeding 1m deep	m	1	
2	50mm Pipes laid in and including trenches not exceeding 1m deep	m	1	
	Extra over HDPE pipes for butt-welded fittings			
3	40 x 20mm Reducer	No	1	
4	50 x 40mm Reducer	No	1	
5	40mm Elbow	No	1	
6	50mm Elbow	No	1	
7	40mm 90 degress bend	No	1	
8	50mm 90 degress bend	No	1	
9	40mm Tee	No	1	
10	50mm Tee	No	1	
11	40mm Adaptor coupling	No	1	
12	50mm Adaptor coupling	No	1	
	Carried Forward			R
	Section No. 3 Bill No. 1 Water Reticulation (Provisional)			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
HDPE Type PE100 PN10 sleeve pipes to comply with SABS ISO 4427 with butt welded joints			
13	110mm Pipes (no excavation)	m	1
Extra over HDPE pipes for butt welded fittings			
14	40mm Elbow	No	1
15	50mm Elbow	No	1
Taps, valves, etc			
16	20mm Brass garden tap with hose connection	No	1
17	25mm 1001/125RB full way gate valve	No	1
18	40mm 1001/125RB full way gate valve	No	1
Class 9 uPVC pressure pipes			
19	25mm Pipes laid in and including trenches not exceeding 1m deep, bedding, backfilling, compaction and disposal of excavated material	m	1
20	25mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep, bedding, backfilling compaction and disposal of excavated material	m	1
21	50mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep, bedding, backfilling compaction and disposal of excavated material	m	1
Extra over uPVC pressure pipes for uPVC solvent welded pressure fittings			
22	25mm x 90 degrees bend	No	1
23	25mm Tee	No	1
24	25mm Steel to HDPE adaptor	No	1
25	25mm Copper to HDPE adaptor	No	1
Carried Forward			R
Section No. 3			
Bill No. 1			
Water Reticulation (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
Galvanized steel pipes			
26	20mm Stand pipes	m	1
Sundries			
27	Extra over excavation in earth for pipe trenches, chambers, etc. for excavation in "soft rock"	m3	1
28	Extra over excavation in earth for pipe trenches, chambers, etc. for excavation in "hard rock"	m3	1
29	Class C (15 MPa/20) concrete in thrust blocks at bends, tees, etc. including necessary extra excavation, formwork, etc	m3	1
30	150 x 150mm Cast iron stopcock box, including brick chamber below exceeding 500mm and not exceeding 750mm deep internally	No	1
31	530 x 530mm Valve chamber exceeding 750mm and not exceeding 1000mm deep internally including cover and frame	No	1
Testing			
32	Testing water and fire service pipe system		Item
FIRE APPLIANCES, PEDESTALS, ETC.			
Fire appliances etc			
33	80 x 65mm Brass right angle hydrant valve with cap and chain	No	1
Fire hydrant pedestals			
34	25MPa/19mm Reinforced concrete hydrant pedestal 1960mm high cast around vertical pipe with bottom 1260mm below ground, 440 x 440mm square at base and tapering to octagonal shaped top 240 x 240mm overall, including necessary excavation, formwork, reinforcement and two coats of paint to exposed surfaces	No	1
STORAGE WATER TANK			
Carried Forward			R
Section No. 3			
Bill No. 1			
Water Reticulation (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

		Brought Forward		R
Water Tank etc.				
35	Supply and install SABS approved 5000L JOJO Water storage tank complete with all necessary fittings	No	1	
36	Submissile Pump for 5 000L JOJO Tank (elsewhere) complete with Water level Control and Tank alert system	No	1	
Booster Pump				
37	Allow a provisional sum for Booster Pump Cage to Engineers details	No	1	
38	Allow a provisional sum for a Precast concrete cover to Borehole	No	1	
Valves				
39	Float valve in Water storage tank	No	1	
Water Tank Plinth				
40	Supply and install complete 5m high steel tank stand for 5000 Litres prefabricated tank (elsewhere)	No	1	
41	Allow for the construction of Water Tank concrete Plinth (Provisional)	No	1	
BOREHOLE EQUIPPING				
42	Allow a provisional sum for testing and or servicing of existing borehole		Item	
Carried Forward to Summary of Section No. 3				R
Section No. 3				
Bill No. 1				
Water Reticulation (Provisional)				
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK				

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 2</u>			
	SEWERS (PROVISIONAL)			
	STANDARD PREAMBLES			
	The contractor is referred to the Model Preambles for Trades (2008 edition) as issued the Association of South African Quantity Surveyors before pricing this bill			
	SOIL DRAINAGE			
	Heavy duty uPVC pipes			
1	110mm Pipes laid in and including trenches not exceeding 1m deep, bedding, backfilling, compaction and disposal of excavated material	m	1	
2	160mm Pipes laid in sleeve pipes (sleeve pipes elsewhere) (no excavation)	m	1	
3	110mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep, bedding, backfilling, compaction and disposal of surplus excavated material	m	1	
4	160mm Pipes laid in and including trenches not exceeding 1m deep, bedding, backfilling, compaction and disposal of excavated material	m	1	
5	uPVC cleaning eye fitted to end of 110mm earthenware pipe with 300 x 300mm cast iron cover and frame placed over cleaning eye including concrete surround finished smooth	No	1	
6	100mm uPVC pipe, raking or vertical to cleaning eye	m	1	
	Extra over heavy duty uPVC pipes for fittings			
7	110mm Bend	No	1	
8	110mm tee Junction	No	1	
	Carried Forward			R
	Section No. 3 Bill No. 2 Sewer Reticulation (Provisional)			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
9	110mm "Y" Junction	No	1
10	160mm Bend	No	1
11	160 x 110mm Reducer	No	1
12	Extra over 100mm uPVC pipe for 100mm junction with I.E	No	1
13	Extra over 110mm pipe for Permanent stoppers	No	1
14	110mm Gulley "P" trap	No	1
15	190 x 110mm Gulley head and grating	No	1
16	110mm Rodding eye	No	1
INSPECTION CHAMBERS			
Brick inspection chamber including precast concrete cover slabs (covers elsewhere) and channels in benching			
17	1830 x 1830mm Inspection chamber not exceeding 1000mm deep internally	No	1
18	1830 x 1830mm Inspection chamber exceeding 1000mm and not exceeding 2000mm deep internally	No	1
19	1830 x 1830mm Inspection chamber exceeding 2000mm and not exceeding 3000mm deep internally	No	1
Cast iron covers, etc			
20	Double seal manhole cover and frame type 2A as per SANS 1882	No	1
21	Lifting-key for mahole cover	No	1
Precast concrete gulleys			
22	Precast concrete gulley with 100mm outlet	No	1
Carried Forward			R
Section No. 3			
Bill No. 2			
Sewer Reticulation (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
Sundries			
23	300x300x50mm Precast concrete inspection eye marker slab set in ground	No	1
CONSERVANCY TANK			
The following in Conservancy Tank			
EARTHWORKS			
Excavation in earth not exceeding 2m deep			
24	Holes	m3	1
Extra over trench and hole excavations in earth for excavation in			
25	Soft rock	m3	1
26	Hard rock	m3	1
Risk of collapse of excavations			
27	Sides of trench and hole excavations not exceeding 1,5m deep	m2	1
Extra over all excavations for carting away			
28	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	1
Keeping excavations free of water			
29	Keeping excavations free of water		Item
Compaction of surfaces			
30	Levelling and compaction of ground surface under foundations, surfacebeds etc including scarifying for a depth of 150mm, breaking down oversize material and adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	1
Carried Forward			R
Section No. 3			
Bill No. 2			
Sewer Reticulation (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
Prescribed density tests on filling			
31	"Modified AASHTO Density" test	No	1
REINFORCED CONCRETE CAST ON/IN FORMWORK ETC			
25MPa/20mm Concrete			
32	Surface beds	m3	1
33	Slabs including beams and inverted beams	m3	1
TEST BLOCKS			
34	Making and testing 150 x 150 x 150mm concrete strength test cube	No	1
CONCRETE SUNDRIES			
Finishing top surfaces of concrete smooth with a wood float			
35	Surface beds, ramps, slabs, etc	m2	1
ROUGH FORMWORK			
Rough formwork to sides			
36	Concrete walls	m2	1
Rough formwork to soffits			
37	Suspended slabs propped up to a height exceeding 1.5 but not exceeding 3.5m	m2	1
MANHOLE COVERS ETC			
Covers, etc			
38	900x900mmx 82kg Type 9B cast iron single seal manhole cover	No	1
39	Lifting key for manhole cover	No	1
Carried Forward			R
Section No. 3			
Bill No. 2			
Sewer Reticulation (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 3</u>			
	STORMWATER DRAINAGE (PROVISIONAL)			
	STANDARD PREAMBLES			
	The contractor is referred to the Model Preambles for Trades (2008 edition) as issued the Association of South African Quantity Surveyors before pricing this bill			
	Descriptions of excavations shall be deemed to include for setting aside surplus excavated material in spoil heaps for use as filling or for depositing within 150m of the perimeter of the excavations and spreading and roughly levelling as directed, as well as for increase in bulk and multiple handling of excavated material caused by the Contractor's method of operation			
	Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site and for bulking			

	Mass concrete with a coarse aggregate of 19mm and a minimum compressive strength of 15MPa at 28 days			
1	V-shaped channel 500mm wide x 100mm thick with rounded salient edges and finished on exposed surfaces with (2:1) cement mortar, laid to falls in panels not exceeding 1800mm long with 12mm bitumen impregnated softboard movement joints with exposed edges raked out for a depth of 10mm and filled with bituminous compound including all necessary excavation and formwork	m	1	
	Carried Forward			R
	Section No. 3 Bill No. 3 Stormwater Drainage (Provisional)			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward			R
2	<p>Triangular shaped concrete spill basin size 1080mm at head, 2440mm at base end and 1209mm along the sides, formed of 200mm thick concrete base with concrete upstand size 200 x 200mm high along two sides and 200 x 200mm footing along base end including all necessary excavation, formwork and backfilling, the top of the base inlaid with eleven hard burnt clay bricks protruding 55mm above the surface of the concrete and loose stones of 150 to 200mm diameter placed at the base of the spill basin for a width of 500mm</p>	No	1	
Carried Forward to Summary of Section No. 3				R
Section No. 3 Bill No. 3 Stormwater Drainage (Provisional)				
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK				

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No	Quantity	Rate	Amount
<u>SECTION NO.3</u>			
<u>BILL NO. 4</u>			
<u>PAVING (PROVISIONAL)</u>			
STANDARD PREAMBLES			
The contractor is referred to the Model Preambles for Trades (2008 edition) as issued the Association of South African Quantity Surveyors before pricing this bill			
SUPPLEMENTARY PREAMBLES			
The following Standardized Specifications form part of this Bill			
SABS 1200B - (Bedding pipes, etc)			
SABS 1200C - (Site clearance)			
SABS 1200DA - (Earthworks (small works))			
SABS 1200DM - (Earthworks (roads, sub grade))			
SABS 1200GA - (Concrete (small works))			
SABS 1200M - (Roads (general))			
SABS 1200MK - (Kerbstones and channels)			
SABS 1200MM - (Ancillary road works)			
Measurement and payment			
All measurement and payment clauses as prescribed in the above Standardized Specifications shall not apply to the work as set out in this Bill.			
General			
These Specifications were drawn up to cover all activities normally encountered on any of the above mentioned civil engineering work and details may therefore be encountered which will not apply to this Contract.			
These specifications are not issued with this document but are obtainable from the South African Bureau of Standards, Private Bag X191, Pretoria 0001.			
Carried Forward			R
Section No. 3 Bill No. 4 Paving (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward		R
Attached Specifications at the back of these bills of quantities			
PA10 PA12			
DESCRIPTIONS			
The Tenderer is referred to the previous Section and the previous and successive Bills in this Section for preambles and full descriptions of materials and items described in this Bill, which will apply equally to the work in this Bill unless otherwise described			
MAINTENANCE PERIOD			
The maintenance period for the following work shall be 12 calender months			
<u>PAVING</u>			
Excavation not exceeding 2m deep			
1	Over site to reduce levels and depositing excavated material in prescribed stock piles on site	m3	1
Extra over bulk excavation in earth for excavation in			
2	Soft rock	m3	1
3	Hard rock	m3	1
Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 90% Mod AASHTO density			
4	Under floors, steps, pavings, etc	m3	1
Earth filling supplied by the contractor in filling up levels under roads, etc.			
5	Selected G7 material in accordance with SABS 1200 DM compacted to 95% Mod AASHTO density	m3	1
6	Selected G6 material in accordance with SABS 1200 DM compacted to 97% Mod AASHTO density	m3	1
Carried Forward			R
Section No. 3 Bill No. 4 Paving (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
Extra over all excavations for carting away			
7	Surplus material from stock piles on site to a dumping site to be located by the contractor	m3	1
8	Compaction of ground surface under pavings, etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 89% Mod AASHTO density	m2	1
Prescribed density tests on filling			
9	"Modified AASHTO Density" test	No	1
"Hyvar X" or other equal and approved weedkiller			
10	Under paving, etc.	m2	1
Soil insecticide in protection against termites			
11	Under paving, etc.	m2	1
CONCRETE			
25MPa/19mm Concrete			
12	100mm thick 25Mpa concrete channel 500mm wide laid to falls between paving and kerb	m	1
Rough formwork to sides			
13	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	1
PAVINGS, WALKWAYS AND APRONS			
60mm Type S-A interlocking paving laid in herringbone bond, wet crushing strength of 25 Mpa on 20mm (thickness after final compaction) clean river sand with sand swept into joints (preparation of ground or filling elsewhere)			
14	Interlocking Paving to parking areas, etc to falls	m2	1
Carried Forward			R
Section No. 3			
Bill No. 4			
Paving (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward		R
<p><u>80mm Type S-A interlocking paving laid in herringbone bond, wet crushing strength of 25 Mpa on 20mm (thickness after final compaction) clean river sand with sand swept into joints (preparation of ground or filling elsewhere)</u></p>		
15	Interlocking Paving to parking areas, etc to falls	m2
		1
<p>Cutting units to fit edge restrains</p>		
16	Circular cutting to perimeter	m
		1
<p>Precast concrete finished smooth on exposed surfaces, including bedding, jointing and pointing</p>		
17	180 x 125 x 280mm high semi-mountable kerbs (SABS FIG 7) with 180 x 75mm high unreinforced concrete bedding and 75 x 275mm high unreinforced 20mpa concrete hunching along the kerb, including excavation, backfilling, etc	m
		1
<p>Carried Forward to Summary of Section No. 3</p>		R
<p>Section No. 3 Bill No. 4 Paving (Provisional)</p>		
<p>PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK</p>		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BILL NO. 5</u>			
	<u>FENCING</u>			
	STANDARD PREAMBLES			
	The contractor is referred to the Model Preambles for Trades (2008 edition) as issued the Association of South African Quantity Surveyors before pricing this bill			
	DESCRIPTIONS			
	The Tenderer is referred to the previous Section and the previous and successive Bills in this Section for preambles and full descriptions of materials and items described in this Bill, which will apply equally to the work in this Bill unless otherwise described			
	<u>REMOVAL OF EXISTING WORKS, ETC</u>			
	<u>Taking down and removing</u>			
1	Diamond mesh fence 1.8m high with steel posts and droppers	m	1	
2	Diamond mesh fence 2.4m high with steel posts and droppers	m	1	
3	Steel palisade fence 1800mm high with posts, etc	m	1	
4	Steel palisade fence 2400mm high with posts, etc	m	1	
5	1m x 1.8m high steel gate	No	1	
6	1m x 2.4m high steel gate	No	1	
	Carried Forward			R
	Section No. 3 Bill No. 5 Fencing (Provisional)			
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
7	6m x 1.8m high steel gate	No	1
8	6m x 2.4m high steel gate	No	1
<u>STEEL PALISADE FENCING</u>			
Welded steel palisade security fencing with posts encased in concrete footings			
9	Palisade security fencing in 1.8m high x 3m long panels made of 60 x 60 x 5mm slotted channels top and bottom rails , filled in vertically with 30 x 30 x 3mm hot rolled angle palisades 3m long at 150mm centres, panels fixed to 76 x 76 x 3mm posts with devils fork end at the top and bottom cast into concrete bases 500 x 500 x 600mm thick (elsewhere).	m	1
10	Palisade security fencing in 2.4m high x 3m long panels made of 60 x 60 x 5mm slotted channels top and bottom rails , filled in vertically with 30 x 30 x 3mm hot rolled angle palisades 3m long at 150mm centres, panels fixed to 76 x 76 x 3mm posts with devils fork end at the top and bottom cast into concrete bases 500 x 500 x 600mm thick (elsewhere).	m	1
Gates, screens, etc.			
11	Single gate 1500 x 1800mm high of 50 x 50 x 2mm hollow section frame and 50 x 50 x 2mm hollow section horizontal middle rail, filled in with vertical cold rolled steel "C" channels of varying sizes 76 x 38 x 3mm, 50 x 25 x 2mm and 25 x 25 x 2mm; barfitted with a pair of 25mm diameter x 80mm long pin hinges welded to post; Secure lockbox for and including 5 lever lockset with deadbolt.	No	1
12	Single gate 1500 x 2400mm high of 50 x 50 x 2mm hollow section frame and 50 x 50 x 2mm hollow section horizontal middle rail, filled in with vertical cold rolled steel "C" channels of varying sizes 76 x 38 x 3mm, 50 x 25 x 2mm and 25 x 25 x 2mm; barfitted with a pair of 25mm diameter x 80mm long pin hinges welded to post; Secure lockbox for and including 5 lever lockset with deadbolt.	No	1
Carried Forward			R
Section No. 3 Bill No. 5 Fencing (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward			R
13	Manually operated sliding gate 6 000 x 1800mm high overall, the outer frame of 75 x 75 x 5mm square tubing and 50 x 50 x 2.5mm welded mesh welded to frame work, complete with industrial type roller wheels rolling on ground track and mechanical operating mechanism and padbolt	No	1
14	Manually operated sliding gate 6 000 x 2400mm high overall, the outer frame of 75 x 75 x 5mm square tubing and 50 x 50 x 2.5mm welded mesh welded to frame work, complete with industrial type roller wheels rolling on ground track and mechanical operating mechanism and padbolt	No	1
Plascon zinc phosphate primer undercoat and plascon super universal enamel top coat			
15	On gates, grilles, palisade fencing, etc.(both sides measured over the full flat area)	m2	1
16	On steel palisade gates and framing (both sides measured flat)	m2	1
<u>INVISIBLE WALL FENCING OR SIMILAR APPROVED</u>			
<u>Welded Mesh galvanized black powder coated Fencing or other equal and approved invisible wall panels</u>			
17	Panel shall be 3,305m width and 1.8m in height. Panel aperture size (centers) shall be 76,2 x 12,7mm. Wire diameter shall be 3,5mm. The panel shall be reinforced with 4 x 50mm deep 'V' formation horizontal recessed bands (rigidity). Panel shall have 2x 70` flanges along sides (internal fixtures-all fixtures shall be on the inside of fence line). Panel shall have 1 x 90` flange along top and 1 x 30` flange along toe (integrated rigid angle). Panel post shall have a flush panel post finish with no climbing aid. Panel shall be affixed to post over 48 line wires using 8 x Double bolt comb clamps and 8 x Single bolt comb clamps using 24 x Anti vandal bolts. Panel and fixtures shall be galvanized, then Polymetic 6000 coated.	m	1
Carried Forward			R
Section No. 3 Bill No. 5 Fencing (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Brought Forward		R
18	Panel shall be 3,305m width and 2.4m in height. Panel aperture size (centers) shall be 76,2 x 12,7mm. Wire diameter shall be 3,5mm. The panel shall be reinforced with 4 x 50mm deep 'V' formation horizontal recessed bands (rigidity). Panel shall have 2x 70` flanges along sides (internal fixtures-all fixtures shall be on the inside of fence line). Panel shall have 1 x 90` flange along top and 1 x 30` flange along toe (integrated rigid angle). Panel post shall have a flush panel post finish with no climbing aid. Panel shall be affixed to post over 48 line wires using 8 x Double bolt comb clamps and 8 x Single bolt comb clamps using 24 x Anti vandal bolts. Panel and fixtures shall be galvanized, then Polymetic 6000 coated.	m 1
19	Galvanised and powder coated spike bolted to high security fence installed as per manufacturer's specifications	m 1
<u>Gates, screens, etc.</u>		
<u>Extra over for clear view fencing for gates</u>		
20	Single pedestrian gate size 1 000mm wide x 1800mm high installed in strict accordance with manufactures instructions	No 1
21	Single pedestrian gate size 1 000mm wide x 2400mm high installed in strict accordance with manufactures instructions	No 1
22	Double Sliding gate size 6 000mm wide x 1 800mm high installed in strict accordance with manufactures instructions	No 1
23	Double Sliding gate size 6 000mm wide x 2400mm high installed in strict accordance with manufactures instructions	No 1
Carried Forward		R
Section No. 3 Bill No. 5 Fencing (Provisional)		
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

	Brought Forward		R
	<u>Sundries</u>		
24	Razor fence installed on top of steel palisade fence in accordance with manufacturer's specifications (Provisional) No	1	
25	Allow for installation of gate motor (Provisional) No	1	
Carried Forward to Summary of Section No. 3			R
Section No. 3			
Bill No. 5			
Fencing (Provisional)			
PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK			

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Bill No	<u>SECTION SUMMARY - CIVIL WORKS (ALL PROVISIONAL)</u>	Page No	Amount
1	Water Reticulation (Provisional)	88	
2	Sewer Reticulation (Provisional)	93	
3	Stormwater Drainage (Provisional)	95	
4	Paving (Provisional)	99	
5	Fencing (Provisional)	104	
	Carried to Final Summary		R
	Section No. 3		
	PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK		

**PANEL OF CONTRACTORS FOR MEGA EMERGENCY MAINTENANCE WORK
INDUSTRIAL PARKS INFRASTRUCTURE AS AND WHEN REQUIRED
FOR A PERIOD OF 36 MONTHS WITHIN EHLANZENI, GERT SIBANDE AND
NKANGALA DISTRICTS, MPUMALANGA PROVINCE**

Section No	<u>FINAL SUMMARY</u>	Page No	Amount
1	PRELIMINARIES AND GENERAL	16	
2	BUILDING WORKS	84	
3	CIVIL WORKS (ALL PROVISIONAL)	105	
	Sub Total (A)		R
	<u>CONTINGENCIES</u>		
	Allow 5% for contingencies to be used as directed and approved by Principal Agent/ Project Manager and to be deducted in whole or in part if not used	%	
	<u>COMMUNITY LIASON OFFICER</u>		
	Provide the amount of R 9 000.00/month for the appointment of community liaison officer	Item	
	Add Value Added Tax		R
	Carried to Form of Tender		R

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES/NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

Full Name	Identity Number	Name of State institution

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1 If so, furnish particulars:

.....
.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? **YES/NO**

2.3.1 If so, furnish particulars:

.....
.....

3 DECLARATION

I, the undersigned, (Name).....
in submitting the accompanying bid, do hereby make the following
statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

SBD4

1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature Date

.....
Position Name of bidder

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 **To be completed by the organ of state**

a) The applicable preference point system for this tender is the 80/20 preference point system.

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

1.4 **To be completed by the organ of state:**

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	
Enterprise owned by Black people	4
Enterprise owned by Women	4
Enterprise owned by Youth	4
Enterprise owned by Disabled	4
Enterprise owned by SMME's-QSE and EME	4
Total points for Price and SPECIFIC GOALS	100

- 1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

$$P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$$

Where

P_s = Points scored for price of tender under consideration

P_t = Price of tender under consideration

P_{min} = Price of lowest acceptable tender

3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1. POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

$$P_s = 80 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right) \text{ or } P_s = 90 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right)$$

Where

- P_s = Points scored for price of tender under consideration
- P_t = Price of tender under consideration
- P_{max} = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
- (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the tenderer)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Enterprise owned by Black people	N/A	4	N/A	
Enterprise owned by Women	N/A	4	N/A	
Enterprise owned by Youth	N/A	4	N/A	
Enterprise owned by Disabled	N/A	4	N/A	
Enterprise owned by SMME's-QSE and EME	N/A	4	N/A	

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture / Consortium
- One-person business/sole propriety
- Close corporation
- Public Company
- Personal Liability Company
- (Pty) Limited
- Non-Profit Company
- State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

.....	
SIGNATURE(S) OF TENDERER(S)	
SURNAME AND NAME:
DATE:
ADDRESS:

THE NATIONAL TREASURY

Republic of South Africa



GOVERNMENT PROCUREMENT: GENERAL CONDITIONS OF CONTRACT

July 2010

GOVERNMENT PROCUREMENT
GENERAL CONDITIONS OF CONTRACT
July 2010

NOTES

The purpose of this document is to:

- (i) Draw special attention to certain general conditions applicable to government bids, contracts and orders; and
- (ii) To ensure that clients be familiar with regard to the rights and obligations of all parties involved in doing business with government.

In this document words in the singular also mean in the plural and vice versa and words in the masculine also mean in the feminine and neuter.

- The General Conditions of Contract will form part of all bid documents and may not be amended.
- Special Conditions of Contract (SCC) relevant to a specific bid, should be compiled separately for every bid (if applicable) and will supplement the General Conditions of Contract. Whenever there is a conflict, the provisions in the SCC shall prevail.

TABLE OF CLAUSES

1. Definitions
2. Application
3. General
4. Standards
5. Use of contract documents and information; inspection
6. Patent rights
7. Performance security
8. Inspections, tests and analysis
9. Packing
10. Delivery and documents
11. Insurance
12. Transportation
13. Incidental services
14. Spare parts
15. Warranty
16. Payment
17. Prices
18. Contract amendments
19. Assignment
20. Subcontracts
21. Delays in the supplier's performance
22. Penalties
23. Termination for default
24. Dumping and countervailing duties
25. Force Majeure
26. Termination for insolvency
27. Settlement of disputes
28. Limitation of liability
29. Governing language
30. Applicable law
31. Notices
32. Taxes and duties
33. National Industrial Participation Programme (NIPP)
34. Prohibition of restrictive practices

General Conditions of Contract

1. Definitions

1. The following terms shall be interpreted as indicated:
 - 1.1 “Closing time” means the date and hour specified in the bidding documents for the receipt of bids.
 - 1.2 “Contract” means the written agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
 - 1.3 “Contract price” means the price payable to the supplier under the contract for the full and proper performance of his contractual obligations.
 - 1.4 “Corrupt practice” means the offering, giving, receiving, or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution.
 - 1.5 "Countervailing duties" are imposed in cases where an enterprise abroad is subsidized by its government and encouraged to market its products internationally.
 - 1.6 “Country of origin” means the place where the goods were mined, grown or produced or from which the services are supplied. Goods are produced when, through manufacturing, processing or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.
 - 1.7 “Day” means calendar day.
 - 1.8 “Delivery” means delivery in compliance of the conditions of the contract or order.
 - 1.9 “Delivery ex stock” means immediate delivery directly from stock actually on hand.
 - 1.10 “Delivery into consignees store or to his site” means delivered and unloaded in the specified store or depot or on the specified site in compliance with the conditions of the contract or order, the supplier bearing all risks and charges involved until the supplies are so delivered and a valid receipt is obtained.
 - 1.11 "Dumping" occurs when a private enterprise abroad market its goods on own initiative in the RSA at lower prices than that of the country of origin and which have the potential to harm the local industries in the

RSA.

- 1.12 "Force majeure" means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such events may include, but is not restricted to, acts of the purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- 1.13 "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any bidder, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the bidder of the benefits of free and open competition.
- 1.14 "GCC" means the General Conditions of Contract.
- 1.15 "Goods" means all of the equipment, machinery, and/or other materials that the supplier is required to supply to the purchaser under the contract.
- 1.16 "Imported content" means that portion of the bidding price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or his subcontractors) and which costs are inclusive of the costs abroad, plus freight and other direct importation costs such as landing costs, dock dues, import duty, sales duty or other similar tax or duty at the South African place of entry as well as transportation and handling charges to the factory in the Republic where the supplies covered by the bid will be manufactured.
- 1.17 "Local content" means that portion of the bidding price which is not included in the imported content provided that local manufacture does take place.
- 1.18 "Manufacture" means the production of products in a factory using labour, materials, components and machinery and includes other related value-adding activities.
- 1.19 "Order" means an official written order issued for the supply of goods or works or the rendering of a service.
- 1.20 "Project site," where applicable, means the place indicated in bidding documents.
- 1.21 "Purchaser" means the organization purchasing the goods.
- 1.22 "Republic" means the Republic of South Africa.
- 1.23 "SCC" means the Special Conditions of Contract.
- 1.24 "Services" means those functional services ancillary to the supply of the goods, such as transportation and any other incidental services, such as installation, commissioning, provision of technical assistance, training, catering, gardening, security, maintenance and other such

obligations of the supplier covered under the contract.

1.25 “Written” or “in writing” means handwritten in ink or any form of electronic or mechanical writing.

2. Application

2.1 These general conditions are applicable to all bids, contracts and orders including bids for functional and professional services, sales, hiring, letting and the granting or acquiring of rights, but excluding immovable property, unless otherwise indicated in the bidding documents.

2.2 Where applicable, special conditions of contract are also laid down to cover specific supplies, services or works.

2.3 Where such special conditions of contract are in conflict with these general conditions, the special conditions shall apply.

3. General

3.1 Unless otherwise indicated in the bidding documents, the purchaser shall not be liable for any expense incurred in the preparation and submission of a bid. Where applicable a non-refundable fee for documents may be charged.

3.2 With certain exceptions, invitations to bid are only published in the Government Tender Bulletin. The Government Tender Bulletin may be obtained directly from the Government Printer, Private Bag X85, Pretoria 0001, or accessed electronically from www.treasury.gov.za

4. Standards

4.1 The goods supplied shall conform to the standards mentioned in the bidding documents and specifications.

5. Use of contract documents and information; inspection.

5.1 The supplier shall not, without the purchaser’s prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.

5.2 The supplier shall not, without the purchaser’s prior written consent, make use of any document or information mentioned in GCC clause 5.1 except for purposes of performing the contract.

5.3 Any document, other than the contract itself mentioned in GCC clause 5.1 shall remain the property of the purchaser and shall be returned (all copies) to the purchaser on completion of the supplier’s performance under the contract if so required by the purchaser.

5.4 The supplier shall permit the purchaser to inspect the supplier’s records relating to the performance of the supplier and to have them audited by auditors appointed by the purchaser, if so required by the purchaser.

6. Patent rights

6.1 The supplier shall indemnify the purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the goods or any part thereof by the purchaser.

7. Performance security

- 7.1 Within thirty (30) days of receipt of the notification of contract award, the successful bidder shall furnish to the purchaser the performance security of the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the contract.
- 7.3 The performance security shall be denominated in the currency of the contract, or in a freely convertible currency acceptable to the purchaser and shall be in one of the following forms:
 - (a) a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in the purchaser's country or abroad, acceptable to the purchaser, in the form provided in the bidding documents or another form acceptable to the purchaser; or
 - (b) a cashier's or certified cheque
- 7.4 The performance security will be discharged by the purchaser and returned to the supplier not later than thirty (30) days following the date of completion of the supplier's performance obligations under the contract, including any warranty obligations, unless otherwise specified in SCC.

8. Inspections, tests and analyses

- 8.1 All pre-bidding testing will be for the account of the bidder.
- 8.2 If it is a bid condition that supplies to be produced or services to be rendered should at any stage during production or execution or on completion be subject to inspection, the premises of the bidder or contractor shall be open, at all reasonable hours, for inspection by a representative of the Department or an organization acting on behalf of the Department.
- 8.3 If there are no inspection requirements indicated in the bidding documents and no mention is made in the contract, but during the contract period it is decided that inspections shall be carried out, the purchaser shall itself make the necessary arrangements, including payment arrangements with the testing authority concerned.
- 8.4 If the inspections, tests and analyses referred to in clauses 8.2 and 8.3 show the supplies to be in accordance with the contract requirements, the cost of the inspections, tests and analyses shall be defrayed by the purchaser.
- 8.5 Where the supplies or services referred to in clauses 8.2 and 8.3 do not comply with the contract requirements, irrespective of whether such supplies or services are accepted or not, the cost in connection with these inspections, tests or analyses shall be defrayed by the supplier.
- 8.6 Supplies and services which are referred to in clauses 8.2 and 8.3 and which do not comply with the contract requirements may be rejected.
- 8.7 Any contract supplies may on or after delivery be inspected, tested or

analyzed and may be rejected if found not to comply with the requirements of the contract. Such rejected supplies shall be held at the cost and risk of the supplier who shall, when called upon, remove them immediately at his own cost and forthwith substitute them with supplies which do comply with the requirements of the contract. Failing such removal the rejected supplies shall be returned at the suppliers cost and risk. Should the supplier fail to provide the substitute supplies forthwith, the purchaser may, without giving the supplier further opportunity to substitute the rejected supplies, purchase such supplies as may be necessary at the expense of the supplier.

8.8 The provisions of clauses 8.4 to 8.7 shall not prejudice the right of the purchaser to cancel the contract on account of a breach of the conditions thereof, or to act in terms of Clause 23 of GCC.

9. Packing

9.1 The supplier shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing, case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the purchaser.

10. Delivery and documents

10.1 Delivery of the goods shall be made by the supplier in accordance with the terms specified in the contract. The details of shipping and/or other documents to be furnished by the supplier are specified in SCC.

10.2 Documents to be submitted by the supplier are specified in SCC.

11. Insurance

11.1 The goods supplied under the contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in the SCC.

12. Transportation

12.1 Should a price other than an all-inclusive delivered price be required, this shall be specified in the SCC.

13. Incidental services

13.1 The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:

- (a) performance or supervision of on-site assembly and/or commissioning of the supplied goods;
- (b) furnishing of tools required for assembly and/or maintenance of the supplied goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;

- (d) performance or supervision or maintenance and/or repair of the supplied goods, for a period of time agreed by the parties, provided that this service shall not relieve the supplier of any warranty obligations under this contract; and
- (e) training of the purchaser's personnel, at the supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied goods.

13.2 Prices charged by the supplier for incidental services, if not included in the contract price for the goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the supplier for similar services.

14. Spare parts

14.1 As specified in SCC, the supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the supplier:

- (a) such spare parts as the purchaser may elect to purchase from the supplier, provided that this election shall not relieve the supplier of any warranty obligations under the contract; and
- (b) in the event of termination of production of the spare parts:
 - (i) Advance notification to the purchaser of the pending termination, in sufficient time to permit the purchaser to procure needed requirements; and
 - (ii) following such termination, furnishing at no cost to the purchaser, the blueprints, drawings, and specifications of the spare parts, if requested.

15. Warranty

15.1 The supplier warrants that the goods supplied under the contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the contract. The supplier further warrants that all goods supplied under this contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.

15.2 This warranty shall remain valid for twelve (12) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.

15.3 The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.

15.4 Upon receipt of such notice, the supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective goods or parts thereof, without costs to the purchaser.

15.5 If the supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, the purchaser may proceed to take

such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

- 16. Payment**
- 16.1 The method and conditions of payment to be made to the supplier under this contract shall be specified in SCC.
- 16.2 The supplier shall furnish the purchaser with an invoice accompanied by a copy of the delivery note and upon fulfillment of other obligations stipulated in the contract.
- 16.3 Payments shall be made promptly by the purchaser, but in no case later than thirty (30) days after submission of an invoice or claim by the supplier.
- 16.4 Payment will be made in Rand unless otherwise stipulated in SCC.
- 17. Prices**
- 17.1 Prices charged by the supplier for goods delivered and services performed under the contract shall not vary from the prices quoted by the supplier in his bid, with the exception of any price adjustments authorized in SCC or in the purchaser's request for bid validity extension, as the case may be.
- 18. Contract amendments**
- 18.1 No variation in or modification of the terms of the contract shall be made except by written amendment signed by the parties concerned.
- 19. Assignment**
- 19.1 The supplier shall not assign, in whole or in part, its obligations to perform under the contract, except with the purchaser's prior written consent.
- 20. Subcontracts**
- 20.1 The supplier shall notify the purchaser in writing of all subcontracts awarded under this contracts if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the supplier from any liability or obligation under the contract.
- 21. Delays in the supplier's performance**
- 21.1 Delivery of the goods and performance of services shall be made by the supplier in accordance with the time schedule prescribed by the purchaser in the contract.
- 21.2 If at any time during performance of the contract, the supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the goods and performance of services, the supplier shall promptly notify the purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the supplier's notice, the purchaser shall evaluate the situation and may at his discretion extend the supplier's time for performance, with or without the imposition of penalties, in which case the extension shall be ratified by the parties by amendment of contract.
- 21.3 No provision in a contract shall be deemed to prohibit the obtaining of supplies or services from a national department, provincial department, or a local authority.
- 21.4 The right is reserved to procure outside of the contract small quantities or to have minor essential services executed if an emergency arises, the

supplier's point of supply is not situated at or near the place where the supplies are required, or the supplier's services are not readily available.

21.5 Except as provided under GCC Clause 25, a delay by the supplier in the performance of its delivery obligations shall render the supplier liable to the imposition of penalties, pursuant to GCC Clause 22, unless an extension of time is agreed upon pursuant to GCC Clause 21.2 without the application of penalties.

21.6 Upon any delay beyond the delivery period in the case of a supplies contract, the purchaser shall, without canceling the contract, be entitled to purchase supplies of a similar quality and up to the same quantity in substitution of the goods not supplied in conformity with the contract and to return any goods delivered later at the supplier's expense and risk, or to cancel the contract and buy such goods as may be required to complete the contract and without prejudice to his other rights, be entitled to claim damages from the supplier.

22. Penalties

22.1 Subject to GCC Clause 25, if the supplier fails to deliver any or all of the goods or to perform the services within the period(s) specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as a penalty, a sum calculated on the delivered price of the delayed goods or unperformed services using the current prime interest rate calculated for each day of the delay until actual delivery or performance. The purchaser may also consider termination of the contract pursuant to GCC Clause 23.

23. Termination for default

23.1 The purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, may terminate this contract in whole or in part:

- (a) if the supplier fails to deliver any or all of the goods within the period(s) specified in the contract, or within any extension thereof granted by the purchaser pursuant to GCC Clause 21.2;
- (b) if the Supplier fails to perform any other obligation(s) under the contract; or
- (c) if the supplier, in the judgment of the purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

23.2 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deems appropriate, goods, works or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods, works or services. However, the supplier shall continue performance of the contract to the extent not terminated.

23.3 Where the purchaser terminates the contract in whole or in part, the purchaser may decide to impose a restriction penalty on the supplier by prohibiting such supplier from doing business with the public sector for a period not exceeding 10 years.

23.4 If a purchaser intends imposing a restriction on a supplier or any

person associated with the supplier, the supplier will be allowed a time period of not more than fourteen (14) days to provide reasons why the envisaged restriction should not be imposed. Should the supplier fail to respond within the stipulated fourteen (14) days the purchaser may regard the intended penalty as not objected against and may impose it on the supplier.

23.5 Any restriction imposed on any person by the Accounting Officer / Authority will, at the discretion of the Accounting Officer / Authority, also be applicable to any other enterprise or any partner, manager, director or other person who wholly or partly exercises or exercised or may exercise control over the enterprise of the first-mentioned person, and with which enterprise or person the first-mentioned person, is or was in the opinion of the Accounting Officer / Authority actively associated.

23.6 If a restriction is imposed, the purchaser must, within five (5) working days of such imposition, furnish the National Treasury, with the following information:

- (i) the name and address of the supplier and / or person restricted by the purchaser;
- (ii) the date of commencement of the restriction
- (iii) the period of restriction; and
- (iv) the reasons for the restriction.

These details will be loaded in the National Treasury's central database of suppliers or persons prohibited from doing business with the public sector.

23.7 If a court of law convicts a person of an offence as contemplated in sections 12 or 13 of the Prevention and Combating of Corrupt Activities Act, No. 12 of 2004, the court may also rule that such person's name be endorsed on the Register for Tender Defaulters. When a person's name has been endorsed on the Register, the person will be prohibited from doing business with the public sector for a period not less than five years and not more than 10 years. The National Treasury is empowered to determine the period of restriction and each case will be dealt with on its own merits. According to section 32 of the Act the Register must be open to the public. The Register can be perused on the National Treasury website.

24. Anti-dumping and countervailing duties and rights

24.1 When, after the date of bid, provisional payments are required, or anti-dumping or countervailing duties are imposed, or the amount of a provisional payment or anti-dumping or countervailing right is increased in respect of any dumped or subsidized import, the State is not liable for any amount so required or imposed, or for the amount of any such increase. When, after the said date, such a provisional payment is no longer required or any such anti-dumping or countervailing right is abolished, or where the amount of such provisional payment or any such right is reduced, any such favourable difference shall on demand be paid forthwith by the contractor to the State or the State may deduct such amounts from moneys (if any) which may otherwise be due to the contractor in regard to supplies or services which he delivered or rendered, or is to deliver or render in terms of the contract or any other contract or any other amount which

may be due to him

25. Force Majeure

- 25.1 Notwithstanding the provisions of GCC Clauses 22 and 23, the supplier shall not be liable for forfeiture of its performance security, damages, or termination for default if and to the extent that his delay in performance or other failure to perform his obligations under the contract is the result of an event of force majeure.
- 25.2 If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the force majeure event.

26. Termination for insolvency

- 26.1 The purchaser may at any time terminate the contract by giving written notice to the supplier if the supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.

27. Settlement of Disputes

- 27.1 If any dispute or difference of any kind whatsoever arises between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 27.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of his intention to commence with mediation. No mediation in respect of this matter may be commenced unless such notice is given to the other party.
- 27.3 Should it not be possible to settle a dispute by means of mediation, it may be settled in a South African court of law.
- 27.4 Mediation proceedings shall be conducted in accordance with the rules of procedure specified in the SCC.
- 27.5 Notwithstanding any reference to mediation and/or court proceedings herein,
- (a) the parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
 - (b) the purchaser shall pay the supplier any monies due the supplier.

28. Limitation of liability

- 28.1 Except in cases of criminal negligence or willful misconduct, and in the case of infringement pursuant to Clause 6;
- (a) the supplier shall not be liable to the purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the supplier to pay penalties and/or damages to the purchaser; and

- (b) the aggregate liability of the supplier to the purchaser, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.
- 29. Governing language** 29.1 The contract shall be written in English. All correspondence and other documents pertaining to the contract that is exchanged by the parties shall also be written in English.
- 30. Applicable law** 30.1 The contract shall be interpreted in accordance with South African laws, unless otherwise specified in SCC.
- 31. Notices** 31.1 Every written acceptance of a bid shall be posted to the supplier concerned by registered or certified mail and any other notice to him shall be posted by ordinary mail to the address furnished in his bid or to the address notified later by him in writing and such posting shall be deemed to be proper service of such notice
- 31.2 The time mentioned in the contract documents for performing any act after such aforesaid notice has been given, shall be reckoned from the date of posting of such notice.
- 32. Taxes and duties** 32.1 A foreign supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the purchaser's country.
- 32.2 A local supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted goods to the purchaser.
- 32.3 No contract shall be concluded with any bidder whose tax matters are not in order. Prior to the award of a bid the Department must be in possession of a tax clearance certificate, submitted by the bidder. This certificate must be an original issued by the South African Revenue Services.
- 33. National Industrial Participation Programme (NIP)** 33.1 The NIP Programme administered by the Department of Trade and Industry shall be applicable to all contracts that are subject to the NIP obligation.
- 34 Prohibition of Restrictive practices** 34.1 In terms of section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, an agreement between, or concerted practice by, firms, or a decision by an association of firms, is prohibited if it is between parties in a horizontal relationship and if a bidder (s) is / are or a contractor(s) was / were involved in collusive bidding (or bid rigging).
- 34.2 If a bidder(s) or contractor(s), based on reasonable grounds or evidence obtained by the purchaser, has / have engaged in the restrictive practice referred to above, the purchaser may refer the matter to the Competition Commission for investigation and possible imposition of administrative penalties as contemplated in the Competition Act No. 89 of 1998.

- 34.3 If a bidder(s) or contractor(s), has / have been found guilty by the Competition Commission of the restrictive practice referred to above, the purchaser may, in addition and without prejudice to any other remedy provided for, invalidate the bid(s) for such item(s) offered, and / or terminate the contract in whole or part, and / or restrict the bidder(s) or contractor(s) from conducting business with the public sector for a period not exceeding ten (10) years and / or claim damages from the bidder(s) or contractor(s) concerned.